

Recent IBM patents

The following patents were recently issued by the countries in which the inventions were made.

Canada

2,019,327	P. Shum, D. Tai, and K. Yan	User inquiry facility for data processing systems
2,039,365	P. Shum and D. Velissaropoulos	Method and means for encoding storing and retrieving hierarchical data processing information for a computer system
2,093,451	D. Mooney and K. A. Stoodley	Method and mechanism for calling 32-bit functions from 16-bit functions
2,143,488	R. Duncan, M. S. Fulton, and B. J. Minchau	Dynamic link libraries without linker or loader support
2,146,171	B. Schiefer, L. G. Strain, and W. P. Yan	Method for estimating cardinalities for query processing in a relational database management system
2,166,248	A. A. Al-Karmi, S. S. Singh, and B. S. Soor	Optical character recognition of handwritten or cursive text
2,166,254	B. J. Blainey, C. M. Donawa, and J. L. McInnes	Improving memory layout based on connectivity considerations
2,171,898	B. W. Thomson	Linker optimization for compiled object oriented programs
2,178,898	J. J. Barton, M. Karasick, and D. J. Streeter	Sequencing and error detection of template instantiations during compilation of C++ programs
2,179,349	M. C. Baker, R. Y. Cheung, and D. Newton	Method and apparatus for providing a 3-way connection between a mobile computing device, a stationary computing device and a computer network
2,182,254	W. Kou	Generic file format for multiple security requirements
2,194,019	W. D. Rose, B. S. Soor, and V. S. Umamaheswaran	Encoding of language, country and character formats for multiple language display and transmission
2,201,276	H. Sluiman and M. Starkey	Indirect hierarchical views for software application management

Germany

19,509,231.7	O. T. Koblinger and W. Stoeffler	Method for providing a metallization layer on an insulating layer and for opening through holes in the said insulating layer
59,309,969.9	T. Bayer, J. Greschner, K. Meissner, and R. R. Stoehr	Wafer stack of directly bonded silicon wafers and process for fabrication
69,327,948.6	P. Burkhardt, R. Feigel, J. Land, and H. H. Westermann	Region layout in a view on a graphical display screen
69,515,838.4	B. Kownatzki and J. Sandvoss	Priority controlled transmission of multimedia streams via a telecommunication line

Japan

1,073,177	T. Takahashi and K. Yamazaki	Slice (docking base) for slim note PC
2,141,252	T. Shimizu and S. Takayama	Composite magnetic recording media
3,019,178	F. Ando, Y. Mima, and T. Sakairi	A user interface for shared remote pointer
3,025,809	T. Minami, H. Satoh, and T. Satoh	The method of FOS presentation for black-on-white monitor

3,026,751	T. Tokuyama	A fast method for admissible-image segmentation
3,026,796	T. Yanagisawa	Means of PCI bus hot plug operation
3,028,515	Y. Amano, N. Kitazaki, K. Ogasawara, and S. Ueno	VCM current switching for power off unload
3,030,232	A. Aoyagi, T. Nakamoto, M. Ohta, H. Tsuchida, S. Tsuda, and H. Tsujino	Head arm design for low-profile HDD
3,030,273	H. Akiyama, M. K. Kanamarum, A. Morita, and S. Tsuda	CSS durability improvement for HDD
3,037,886	S. Kimura, K. Kusafuka, and H. Shimizu	Liquid crystal display
3,037,927	R. Honda, F. Kitayama, and K. Kuse	Local community networks of mobile PADAS with location and time
3,039,855	H. Ono, K. Satoh, T. Ueda, and T. Wada	Write inhibition by head velocity for HDD
3,041,268	Z. Q. Qiu and L. Y. Yang	Integrated segmentation with optimal weights for special classes and its applications in Chinese error check systems
3,045,948	A. Naitoh and T. Wada	Security lock on resume by timer
3,045,981	T. Aihara and S. Furuichi	Dynamic power management on the basis of job types
3,046,019	Y. Ohya	Dynamic option change for window scrolling

Switzerland

804,769	W. Doeringer, H. D. Dykeman, G. Karjoth, M. Nassehi, and M. Sharma	Variable length data sequence matching method and apparatus
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United Kingdom

521,209	J. A. Herrod	Graphics area clipping algorithm
521,210	J. A. Herrod	Graphics clipping
633,547	C. L. Bird, S. G. Chapman, J. B. Ibbotson, and J. M. Knapman	Error detection in seismic data
692,760	J. S. Beeteson and S. C. Kerigan	Data processing apparatus
850,444	J. Kelly and I. McCallion	A table-driven approach to handling errors in distributed applications
850,446	A. M. Colyer	Bridge for a client-server environment
2,310,513	A. Winokur	Computer with reduced power consumption
2,311,390	R. P. Hoggarth, R. I. Knox, A. L. Massey, C. D. McCall, and S. Sydd	Initial program load in data processing network

United States

5,910,730	L. J. Sigal	Digital circuit noise margin improvement
5,910,733	A. R. Bertolet, F. R. Keyser, K. Clinton, S. W. Gould, T. Reny, and T. Zitttrisch	Method and system for layout and schematic generation for heterogeneous arrays
5,910,735	D. H. Allen	Method and apparatus for safe mode in dynamic logic using DRAM cell
5,910,751	G. S. Winn and R. A. Richetta	Circuit arrangement and method with temperature dependent signal swing
5,910,799	D. Lection, M. A. Carpenter, and M. E. Molander	Location/motion sensitive user interface
5,910,801	B. S. Rosenburg, J. H. Summers, M. H. Skelton, and T. Roth	Mechanism for fine-grained and coarse-grained control of zooming in a display of a one-dimensional data set
5,910,878	A. A. Mello and D. L. Pearl	Method and apparatus for protecting electrical devices from static electricity
5,910,883	L. S. Mok, P. W. Coteus, and T. M. Cipolla	Hinge incorporating a helically cooled heat pipe for a laptop computer
5,910,912	C. M. Hsieh, L. L. Hsu, and S. Ogura	Flash EEPROM with dual-sidewall gate
5,910,930	G. F. Diniz, J. N. Dieffenderfer, and T. A. Sartorius	Dynamic control of power management circuitry
5,911,045	D. A. Schell and T. L. Leyba	Method and system for sharing information in a virtual reality world
5,911,050	J. D. Smid and P. K. Egan	Dual voltage PCI connector
5,911,063	C. L. Johnson and D. H. Allen	Method and apparatus for single phase clock distribution with minimal clock skew
5,911,075	H. J. Glaser and M. C. Lehner	Query selection for a program development environment
5,911,076	A. R. Martin, L. E. Acker, and M. H. Conner	Object oriented framework for creating new emitters for a compiler
5,911,138	B. A. Tate and S. G. Li	Database search facility having improved user interface
5,911,141	D. J. Armbrust and E. E. Kelley	On-line hierarchical form records identification
5,911,148	G. T. Kishi and M. J. Anglin	Automated message processing system configured for automated tape device management

5,911,153	J. A. Silberman, P. G. Emma, S. H. Dhong, and W. R. Reohr	Memory design which facilitates incremental fetch and store requests off applied base address requests
5,911,379	G. F. Adams	Tape cartridge for two separate lengths of recording tape
5,911,619	C. Uzoh and J. Harper	Apparatus for electrochemical mechanical planarization
5,911,850	M. Zung	Separation of diced wafers
5,911,945	B. V. Fasano, G. M. Johnson, J. S. Fish, and S. L. Shinde	Method for in-situ environment sensitive sealing and/or product controlling
5,912,044	A. Giri, M. S. Farooq, and R. S. Patel	Method for forming thin film capacitors
5,912,210	A. D. Marwick, J. F. Ziegler, J. R. Thompson, L. Krusin-Elbaum, and P. Lisowski	Enhancement of persistent currents in high T_c superconductors
5,912,506	E. Colgan, J. M. Harper, K. P. Rodbell, and P. M. Fryer	Multi-layer metal sandwich with taper and reduced etch bias and method for forming same
5,912,596	U. Ghoshal	Apparatus and method for frequency tuning an LC oscillator in an integrated clock circuit
5,912,632	D. Dieska, D. Friedman, H. Heinrich, and K. Goldman	Single chip RF tag oscillator circuit synchronized by base station modulation frequency
5,912,659	E. J. Selker and J. D. Rutledge	Graphics display pointer with integrated selection
5,912,670	B. O. Schneider, J. P. Menon, J. S. Lipscomb, and W. L. Luken	Method and apparatus for overlaying a bit map image on an environment map
5,912,782	E. G. Oettinger, L. J. Serrano, M. M. Yu, and T. Lee	System and method for adjusting actuator control current for directional torque variance in a disk drive
5,912,800	B. G. Sammakia and S. B. Sathe	Electronic packages and method to enhance the passive thermal management of electronic packages
5,912,831	A. M. Ahsan, E. E. Kelley, F. Motika, and N. J. Dauerer	Process and system for adding or subtracting symbols in any base without converting to a common base
5,912,893	A. P. Wack and D. B. Rolfe	Incidence graph based communications and operations method and apparatus for parallel processing architecture
5,912,900	C. M. Durham, P. J. Klim, and S. Patil	Method and system for testing self-timed circuitry
5,912,901	M. R. Ouellette, R. D. Adams, and R. J. Prilik	Method and built-in self-test apparatus for testing an integrated circuit which capture failure information for a selected failure
5,912,928	K. W. Heilmann, L. R. Chieco, L. T. Fasano, and M. A. Sorna	High speed serial data transmission encoder
5,913,030	J. B. Lotspiech and R. J. Morris	Persona-based client/server communications
5,913,033	G. B. Grout	Apparatus and method for retrieving information using standard objects
5,913,044	C. N. Tran and J. A. Kahle	Method and system for simultaneous variable-width bus access in a multiprocessor system
5,913,048	H. Cheong, H. Q. Le, J. S. Muhich, and S. W. White	Dispatching instructions in a processor supporting out-of-order execution
5,913,054	A. J. Loper, Jr., R. B. Patel, and S. Mallick	Method and system for processing a multiple-register instruction that permit multiple data words to be written in a single processor cycle
5,913,075	G. E. Beers, M. M. Smadi, and R. F. Frankeny	High speed communication between high cycle rate electronic devices using a low cycle rate bus
5,913,125	D. Brouillette, J. Lasky, R. L. Mohler, T. Krywanczyk, and W. Rauscher	Method of controlling stress in a film
5,913,185	M. J. Martino and R. C. Paulsen	Determining a natural language shift in a computer document
5,913,208	E. Q. Brown and J. M. Prager	Identifying duplicate documents from search results without comparing document content
5,913,231	J. D. Lewis, J. S. Dodson, and R. K. Arimilli	Method and system for high speed memory address forwarding mechanism
5,913,713	D. P. Nadeau, J. E. Cronin, M. J. Rutten, R. Cheek, and T. Wright	CMP polishing pad backside modifications for advantageous polishing results
5,913,925	J. A. Kahle, R. McDonald, and S. Mallick	Method and system for constructing a program including out-of-order threads and processor and method for executing threads out-of-order
5,913,985	C. C. Lei, D. A. Lord, and L. R. Bolde	Fixture and method for securing electronic modules during wet processing
5,914,614	B. S. Beaman, D. Y. Shih, K. E. Fogel, M. H. Norcott, and P. A. Lauro	High density cantilevered probe for electronic devices
5,914,695	D. Liu and M. Oprysko	Omnidirectional dipole antenna
5,914,784	C. P. Ausschnitt and T. Brunner	Measurement method for linewidth metrology
5,914,806	J. G. Gordon II, M. W. Hart, and S. A. Swanson	Stable electrophoretic particles for displays (as amended)
5,914,851	A. Grill, D. E. Kotecki, J. H. Comfort, and K. L. Saenger	Isolated sidewall capacitor
5,914,855	B. Lovvorn, C. Vinton, and G. Gustafson	Apparatus and method for damping disk drive vibration
5,914,857	E. A. Johnson and S. B. Sathe	Air flow devices for electronic boards

5,914,906	J. A. Iadanza, M. J. Laramie, R. D. Kilmoyer, T. Zittritsch, and V. P. Seidel	Field programmable memory array
5,914,919	C. L. Fosler and F. D. Gallo	Switching between and simultaneous control of multiple accessors by one of dual library managers
5,915,022	M. K. Mah and R. A. Robinson	Method and apparatus for creating and using an encrypted digital receipt for electronic transactions
5,915,039	J. Mao, K. M. Mohiuddin, and R. A. Lorie	Method and means for extracting fixed-pitch characters on noisy images with complex background prior to character recognition
5,915,085	L. Koved	Multiple resource or security contexts in a multithreaded application
5,915,094	J. L. Kouloheris and M. Kumar	Disk access method for delivering multimedia and video information on demand over wide area networks
5,915,100	C. A. Nevitt, D. T. Crump, and J. A. Heaney	Method for interfacing a media console and a system unit
5,915,102	H. Chin	Common arbiter interface device with arbitration configuration for centralized common bus arbitration
5,915,112	D. C. Boutcher	Remote procedure interface with support for multiple versions
5,915,126	D. W. Victor and W. E. Maule	Computer system memory controller and method of burst data ordering translation
5,915,183	J. A. Mandelman, J. K. Stephens, J. P. Gambino, and S. D. Halle	Raised source/drain using recess etch of polysilicon
5,915,252	C. M. Nock and D. J. Misheski	An object oriented framework mechanism for data transfer between a data source and a data target
5,915,462	B. Hernandez, I. C. Noyan, M. J. Palmer, and R. Horton	High efficiency thermal interposer
5,915,525	A. O. Johnson, J. F. Chesko, M. A. Willchock, P. R. Wilson, R. L. Baker, and W. D. Klossner	Parts processing system with notched conveyer belt transport
5,916,010	J. T. Varian and K. H. Varian	CMP pad maintenance apparatus and method
5,916,302	B. E. Willner, C. G. Harrison, E. H. Stern, J. J. Toohey, and J. M. Dunn	Multimedia conferencing using parallel networks
5,916,303	R. K. Scott	Optimal movie distribution on video servers in an n-level interactive TV system
5,916,374	B. E. Tripp, C. Sullivan, D. Mackin, D. C. Long, D. E. Speed, D. W. DiAngelo, G. A. Pomerantz, J. Harmuth, J. Utter, J. A. Casey, J. U. Knickerbocker, K. G. Sachdev, M. E. Cropp, and R. J. Sullivan	Optimized in-line mask cleaning system
5,916,423	J. D. Westwood	P1 notched write head with minimum overmilled P1 and P2
5,916,451	C. Prasad, E. D. Perfecto, G. E. White, G. J. Robbins, K. B. Prasad, and M. Swaminathan	Minimal capture pads applied to ceramic vias in ceramic substrates
5,916,486	A. Viehbeck, J. M. Rubino, J. M. Shaw, M. Angelopoulos, R. Saraf, S. Purushothaman, T. Graham, and V. A. Brusie	Method for providing discharge protection or shielding
5,916,716	J. G. Hartley, R. Butsch, and T. R. Groves	Emulation methodology for critical dimension control in E-Beam lithography
5,917,329	B. J. Wojszynski, K. Probst, R. H. Cadwallader, T. Morrison, and W. A. Yager	Substrate tester having shorting pad actuator method and apparatus
5,917,356	H. F. Casal, H. H. Li, and T. Nguyen	Three state phase detector
5,917,492	D. Gan and T. W. Bereiter	Method and system for displaying an expandable tree structure in a data processing system graphical user interface
5,917,589	A. Juliana, Jr., C. H. Lee, H. J. Rosen, M. R. Latta, W. C. Leung, and W. I. Imaino	Surface inspection tool
5,917,629	H. Winbom and P. D. Hortensius	Transceiver for extending a CSMA/CD network for wireless communication
5,917,817	A. G. Ganek, B. E. Willner, C. G. Harrison, E. H. Stern, and J. M. Dunn	User invocation of services in public switched telephone network via parallel data networks
5,917,932	J. G. Hartley	System and method for evaluating image placement on pre-distorted masks
5,917,951	C. Tresser, C. W. Wu, and G. R. Thompson	Clustered aperiodic mask
5,917,997	E. G. Britton and J. Bell	Host identity takeover using virtual internet protocol (IP) addressing
5,917,998	D. D. Long and L. F. Cabrera	Method and apparatus for establishing and maintaining the status of membership sets used in mirrored read and write input/output
5,918,003	G. S. Koch, M. R. Ouellette, and R. Wistort	Enhanced built-in self-test circuit and method

5,918,005	J. H. Moreno and M. Moudgill	Apparatus for region-based detection of interference among reordered memory operations
5,918,007	D. Moeller, J. W. Blackledge, K. J. Zubay, P. E. Newman, and R. A. Dayan	Trusted personal computer system with limited accessibility
5,918,017	C. R. Attanasio, G. D. Hunt, G. S. Goldszmidt, and S. E. Smith	System and method for providing dynamically alterable computer clusters for message routing
5,918,020	B. Henthorn, E. Petersen, G. Shippy, J. W. Blackard, L. W. Russell, and R. A. Gillaspay	Data processing system and method for pacing information transfers in a communications network
5,918,041	V. Berstis	Method and apparatus for automatically adjusting a clock
5,918,044	D. S. Levitan and J. S. Muhich	Apparatus and method for instruction fetching using a multi-port instruction cache directory
5,918,048	B. G. Mealey, M. S. Williams, and R. C. Swanberg	Soft read-only storage
5,918,052	A. Malhotra, S. J. Munroe, and V. J. Kruskal	Multiple inheritance mechanism for an object oriented programming environment
5,918,053	S. G. Graham	Method and system for diagramming collaborations deduced from smalltalk code using a design virtual machine
5,918,068	M. K. Shafe	Reconfigurable interface for small disk drives
5,918,228	B. A. Rich, E. Plassmann, M. Ault, M. A. Rosiles, R. C. Burnett, S. B. Shi, and T. J. Shrader	Method and apparatus for enabling a web server to impersonate a user of a distributed file system to obtain secure access to supported web documents
5,918,239	M. J. Allen and W. F. Phillips	Deferred display of web pages corresponding to links selected by user
5,918,242	A. G. Yanes and S. Sarma	General-purpose, customizable dynamic memory controller
5,918,243	D. R. Welsh, T. O. McKinley, and T. P. Giordano	Computer mechanism for reducing DASD arm contention during parallel processing
5,918,246	C. R. Ogilvie, K. J. Goodnow, S. T. Ventrone, and W. D. Pricer	Apparatus and method for prefetching data based on information contained in a compiler generated program map
5,918,274	D. Chen, E. Flecha, J. Hammond, and K. G. Roessler	Detecting fields with a single-pass dual-amplitude-mode scanning force microscope
5,919,050	G. E. Myrto, G. L. Kehley, and J. H. Sherman	Method and apparatus for separably interconnecting electronic components
5,919,525	B. K. Appelt, K. I. Papathomas, R. M. Japp, and W. J. Rudik	Technique for forming resin-impregnated fiberglass sheets using multiple resins
5,919,596	A. Viehbeck, J. C. Hedrick, J. D. Gelorme, K. Papathomas, S. J. Fuerniss, S. L. Tisdale, T. H. Lewis, and V. Markovich	Toughened photosensitive polycyanurate resist, and structure made therefrom and process of making
5,919,597	A. Katnani, G. Orsula, M. Khojasteh, R. Nunes, R. Sinta, W. R. Brunsvold, and W. S. Huang	Methods for preparing photoresist compositions
5,919,868	F. C. Burns, V. Y. Lee, and W. W. Fleming	Ablatively photodecomposable compositions
5,920,037	A. M. Seman, D. B. Stone, D. N. Light, and L. J. Smith-Jimarez	Conductive bonding design for metal backed circuits
5,920,086	J. Misewich, R. M. MacFarlane, S. Sethi, and S. Tiwari	Light emitting device
5,920,101	C. L. Bertin, J. A. Mandelman, J. M. Leas, and K. E. Beilstein	Structure for making sub-lithographic images by the intersection of two spacers
5,920,222	D. Pontius and S. Eustis	Tunable pulse generator based on a wave pipeline
5,920,274	H. J. Shin, H. P. Wong, J. Yang, P. Xiao, and S. Gowda	Image sensor employing non-uniform A/D conversion
5,920,304	V. Berstis	Random bounce cursor mode after cessation of user input
5,920,315	L. Santos-Gomez	Multi-pane window with recoiling workspaces
5,920,325	C. A. Swearingen and S. A. Morgan	Prioritization of background display during animation
5,920,359	C. J. Stein, E. G. Vail III, and L. D. Curley	Video encoding method, system and computer program product for optimizing center of picture quality
5,920,438	A. S. Patapoutian, E. R. Christensen, and R. A. Hutchins	Programmable digital centerline tracking threshold apparatus and method
5,920,441	E. A. Cunningham, H. H. Ottesen, L. Fan, and T. C. Reiley	Method and apparatus for controlling a multiple-stage actuator for a disk drive
5,920,446	H. S. Gill	Ultra high density GMR sensor
5,920,457	C. C. Tai, C. R. Lamb, E. Papanicolaou, and K. W. Li	Apparatus for cooling electronic devices using a flexible coolant conduit
5,920,486	M. Beahm, R. V. Joshi, and T. I. Chappell	Parameterized cells for generating dense layouts of VLSI circuits
5,920,564	A. A. Slane and P. L. Leichty	Method and apparatus for direct memory access on transmit complete
5,920,575	R. P. Gregor and S. F. Oakland	VLSI test circuit apparatus and method

5,920,689	B. H. Hartner, R. F. Berry, and W. Gu	System and method for low overhead, high precision performance measurements using state transitions
5,920,692	B. O. Nguyen, R. J. Redpath, and S. K. Singhal	Method and system for a remote notification service for a multi-user server architecture
5,920,695	B. W. Holley, J. L. Iskiyan, R. Hathorn, and W. F. Micka	Method and means for bidirectional peer-coupled communication across a single ESCON interface
5,920,696	D. D. Snyder, D. E. Olson, J. R. Hansen, J. V. DiCecco, M. L. Brandt, and T. J. O'Keefe	Dynamic windowing system for a transaction based network
5,920,703	B. Rajaraman, D. Gugliotta, L. D. Long, L. H. Overby, M. E. Miyake, and S. A. Campbell	Systems and methods for managing the processing of relatively large data objects in a communications stack
5,920,704	A. R. Williams, D. G. Grice, and H. T. Olnowich	Dynamic routine switch apparatus with clocked signal regeneration
5,920,762	J. J. Fatula and R. G. Simmons	Low mass magnetic recording head and suspension
5,920,764	D. Hanson, H. H. Huston, and K. V. Srikrishnan	Process for restoring rejected used wafers in line for reuse as new
5,920,824	D. L. Beatty, M. Pitts, and R. V. Jenness	Method for computing current time on a cellular mobile system
5,920,855	C. Aggarwal and P. S. Yu	On-line mining of association rules
5,920,863	K. J. Lawrence, M. D. McKeehan, and T. C. Kan	System and method for supporting transactions for a thin client lacking a persistent store in a distributed object-oriented environment
5,920,864	Y. Zhao	Multi-level category dynamic bundling for content distribution
5,920,867	G. A. Van Huben, J. C. Mak, and J. L. Mueller	Data management system having data management configuration
5,920,873	G. A. Van Huben and J. L. Mueller	Data management control system for file and database
5,920,875	C. E. Clark and S. J. Greenspan	Tail compression of a sparse log stream of a computer system
5,921,650	A. E. Rosenbluth and F. E. Doany	High efficiency field-sequential color projector using two SLMs
5,922,056	B. R. Culbertson, G. A. Dancker, H. G. Kiel, J. A. Pieterick, J. E. Walker, K. M. Galloway, S. J. Amell, and W. V. Durrett	Computer system with peripheral device characteristic sensing and automatic communications speed setting
5,922,063	H. T. Olnowich, J. W. Feeney, M. A. Maniguet, M. W. Dotson, and R. F. Lusch	Automatic hardware message header generator
5,922,466	A. Viehbeck, J. M. Rubino, J. M. Shaw, M. Angelopoulos, R. Saraf, S. Purushothaman, T. Graham, and V. A. Brusic	A composite comprising a metal substrate and a corrosion protecting layer
5,922,496	F. Pierre, G. G. Robert, G. J. Gaudenzi, and H. M. Dalal	Selective deposition mask and method for making the same
5,922,517	A. Bhatt, A. C. Bhatt, G. W. Jones, V. R. Markovich, and W. E. Wilson	Method of preparing a substrate surface for conformal plating
5,923,067	S. H. Voldman	A 3-D CMOS-on-SOI ESD structure and method
5,923,090	K. M. Fallon and W. Ma	Microelectronic package and fabrication thereof
5,923,097	K. Ro, M. P. Corriveau, and S. Wyatt	Switching supply test mode for analog cores
5,923,105	D. W. Albrecht and M. A. Moser	Disk drive in-hub radial-gap spindle motor with coils generating axial fields
5,923,181	C. L. Bertin, C. P. Miller, D. DuBois, D. J. Perlman, E. J. Sprogis, G. Schrottke, G. A. Kelley, J. Van Horn, K. E. Beilstein, and W. J. Howell	Methods and apparatus for burn-in stressing and simultaneous testing of semiconductor device chips in a multichip module
5,923,272	G. A. Jaquette and T. R. Albrecht	Serial bitstream code for timing-based servo
5,923,276	K. J. Venkatramani and R. F. Frankeney	Current source based multilevel bus driver and converter
5,923,319	A. R. Cox, A. W. Connor, D. Crompton, E. H. Bishop, and M. G. McDonald	Front cover assembly for a touch sensitive device
5,923,324	R. E. Berry and S. H. Isensee	Viewer interactive three-dimensional workspace with interactive three-dimensional objects and corresponding two-dimensional images of objects in an interactive two-dimensional workplane
5,923,325	E. J. Selker and R. J. Barber	System and method for enhancing conveyed user information relating to symbols in a graphical user interface
5,923,326	K. Brafford, K. K. Khalifa, M. E. Molander, and R. Bittinger	Edge docking foster window
5,923,334	W. L. Luken	Polyhedral environment map utilizing a triangular data structure
5,923,502	E. A. Cunningham, J. A. Christner, J. M. Mosbrucker, and T. C. Christensen	Magneto-resistive head including a selectively placed low-reluctance path between shields

5,923,531	B. S. Mullenbach, D. A. Baska, K. E. Lubahn, K. R. Qualters, M. A. Butterbaugh, S. S. Kang, and W. H. Bachman	Enhanced circuit board arrangement for a computer
5,923,562	L. Liebmann and R. T. Sayah	Automatic elimination of design conflicts in phase edge phase shift designs
5,923,563	M. A. Lavin and W. C. Leipold	Variable density fill shape generation
5,923,566	G. Galan, I. C. Graur, and L. Liebmann	Phase shifted design verification routine
5,923,574	R. A. Bechade	Optimized, combination of count leading zero and shifter
5,923,576	C. A. Hajdu and D. R. Polk	Parallel recursive digital filters
5,923,757	B. J. Bahnub and M. Hocker	Docking method for establishing secure wireless connection between computer devices using a docking port
5,923,854	E. G. Britton and J. Bell	Virtual internet protocol (IP) addressing
5,923,861	D. F. Champion and R. L. Bertram	Mobile client computer programmed to display drop down scrolling indicator
5,923,898	T. B. Genduso and W. L. Leung	System for executing I/O request when an I/O request queue entry matches a snoop table entry or executing snoop when not matched
5,923,971	A. R. LeBlanc, H. Ho, J. A. Mandelman, and R. Srinivasan	Reliable, low resistance strap for trench storage DRAM cell using selective epitaxy
5,923,991	G. B. Bronner, J. P. Gambino, and L. A. Nesbit	Methods to prevent divot formation in shallow trench isolation areas
5,923,999	B. El-Kareh, K. Balasubramanyam, R. Conti, and S. B. Brodsky	MOSFET device and method of controlling dopant diffusion and metal contamination in thin polycide gate conductor
5,924,070	A. P. Ittycheriah and S. Maes	Corporate voice dialing with shared directories
5,924,092	R. E. Johnson	Computer system and method which sort array elements to optimize array modifications
5,924,102	M. Perks	System and method for managing critical files
5,924,104	J. R. Earl	Method and apparatus for displaying intradocument links in a computer system
5,924,116	C. Aggarwal, P. K. Malkin, P. S. Yu, and R. J. Scholoss	Collaborative caching of a requested object by a lower level node as a function of the caching status of the object at a higher level node
5,924,118	J. D. Lewis, J. S. Dodson, and R. K. Arimilli	Method and system for speculatively sourcing cache memory data concurrent with upstream cache invalidation within a multiprocess
5,924,121	J. D. Lewis, J. S. Dodson, and R. K. Arimilli	Adaptive writeback of cache line data in a computer operated with burst mode transfer cycles
5,924,128	D. A. Luick, K. J. Kiefer, P. B. Winterfield, and S. R. Kunkel	Pseudo zero cycle address generator and fast memory access
5,924,350	E. F. Helinski	Hole punching apparatus
5,924,622	J. G. Davis and J. M. Kielbasa	Method and apparatus for soldering ball grid array modules to substrates
5,924,975	M. Goldowsky	Linear pump
5,925,095	K. S. Warr, M. Mulholland, R. H. High, Jr., and S. A. Holdsworth	Method and a computer program product for client/server computing with support for both recoverable and non-recoverable clients
5,925,102	C. K. Eilert and P. B. Yocom	Managing processor resources in a multisystem environment in order to provide smooth real-time data streams, while enabling other types of applications to be processed concurrently
5,925,107	C. B. Stunkel, D. L. Garmire, F. A. Kampf, J. R. Herring, K. J. Reilly, N. Rash, and R. F. Bartfai	Verifying a time-of-day counter
5,925,118	J. Revilla, M. M. Schaffer, and T. A. Sartorius	Methods and architectures for overlapped read and write operations
5,925,125	A. I. Alpert and M. G. Mall	Apparatus and method for pre-verifying a computer instruction set to prevent the initiation of the execution of undefined instructions
5,925,129	D. T. Crump, J. L. Combs, and S. Pancoast	Desktop computer system having zero-volt system suspend
5,925,143	C. J. Rebeor, D. A. Miller, J. T. Trinko-Mechler, M. Noack, P. S. Gillis, R. Kolagotla, S. F. Oakland, and T. G. Sopchak	Scan-bypass architecture without additional external latches
5,925,206	C. M. Boyko, D. B. Stone, D. S. Farquhar, and R. J. Supa	Practical method to make blind vias in circuit boards and other substrates
5,925,414	A. W. Buechele and J. T. Butler	Nozzle and method for extruding conductive paste into high aspect ratio openings
5,925,443	A. Mastreani, D. R. Wall, F. Y. Aoude, G. Natarajan, H. M. Lasky, L. D. David, L. W. Herron, R. S. Divakaruni, R. V. Vallabhaneni, S. Farooq, S. N. Reddy, and V. Sura	Copper-based paste containing copper aluminate for microstructural and shrinkage control of copper-filled vias

5,925,866	A. J. Yeckley	Method, apparatus and article of manufacture for dynamically positioning magnetic shielding to reduce magnetic interference at a magnetic read head
5,925,869	I. Baker, J. J. Tout, N. Horner, and S. E. Still	Multi-input, mixed-type bar code processor with single decoder
5,925,924	A. M. Palagonia, B. A. Pierson, D. A. Schmidt, H. L. Kalter, J. E. Cronin, P. Marmillion, and W. J. Howell	Methods for precise definition of integrated circuit chip edges
5,925,933	E. Colgan, J. F. White, K. P. Rodbell, and P. A. Totta	Interconnect structure using Al-2-Cu for an integrated circuit chip
5,926,006	B. A. Carpenter, C. Burroughs, G. O'Neil, and R. A. Resnick	Modular electronic apparatus with battery charging control
5,926,177	I. Hatanaka and S. C. Hughes	Providing multiple views in a model-view-controller architecture
5,926,182	J. Rossignac and J. P. Menon	Efficient rendering utilizing user defined shields and windows
5,926,183	J. Rossignac and J. P. Menon	Efficient rendering utilizing user defined rooms and windows
5,926,266	A. D. Dorundo, A. R. Taheri, E. V. Schnetzer, H. Lu, L. T. Pena, M. G. Lisanke, and R. J. McCormick	Optical apparatus for rapid defect analysis
5,926,311	F. Topolovec, J. M. Cobb, R. F. Florence, Jr., and U. A. Ziemins	Illumination/viewing system for features in transparent materials
5,926,343	L. K. Dorius and P. R. Peck	Air bearing slider with reduced contamination sensitivity and method for making the same
5,926,350	A. Chiu, C. Hwang, and R. G. Simmons	Dual gap horizontal thin film inductive head
5,926,359	D. L. Harame, D. L. Nguyen-Ngoc, G. Hueckel, J. T. Kocis, K. Stein, and N. A. Greco	Metal-insulator-metal capacitor
5,926,364	B. D. Bogdon and J. Karidis	Tri-fold personal computer with touchpad and keyboard
5,926,368	G. M. Chrysler and R. C. Chu	Enhanced air cooling system with attached cooling unit
5,926,369	A. P. Ingraham, G. L. Kehley, J. R. Slack, and S. B. Sathe	Vertically integrated multi-chip circuit package with heat-sink support
5,926,378	J. H. Neer and J. R. DeWitt	Low profile riser card assembly using paired back-to-back peripheral card connectors mounted on universal footprints supporting different bus form factors
5,926,487	E. Seewann, M. E. Deycaza, M. K. Ciraula, M. S. Milshtein, P. H. Nguyen, R. A. Haring, S. H. Dhong, T. I. Chappell, and T. K. Jaber	High performance registers for pulsed logic
5,926,551	C. Dwork, F. Pestoni, and M. Naor	System and method for certifying content of electronic mail
5,926,619	J. A. Pershing, O. T. Kirby, P. R. Badovinatz, and T. D. Chandra	Apparatus and program product for recovery of a name server managing membership of a domain of processors in a distributed computing environment
5,926,628	C. N. Tran and J. A. Kahle	Selectable priority bus arbitration scheme
5,926,631	J. R. McGarvey	Network computer emulator systems, methods and computer program products for personal computers
5,926,645	B. D. Williamson	Method and system for enabling multiple store instruction completions in a processing system
5,926,652	F. J. Reznak	Matching of wild card patterns to wild card strings associated with named computer objects
5,926,689	A. Konecni, D. Podlesnik, D. R. Cote, J. C. Forster, and V. Grewal	Process for reducing circuit damage during PECVD in single wafer PECVD system
5,926,708	D. W. Martin	Method for providing multiple gate oxide thicknesses on the same wafer
5,926,738	A. K. Stamper, J. E. Cronin, and T. Hartswick	Interconnects using metal spacers and method for forming same
5,926,820	C. T. Ho, N. Megiddo, and R. Agrawal	Method and system for performing range max/min queries on a data cube
5,926,830	K. A. Feiste	Data processing system and method for maintaining coherency between high and low level caches using inclusive states
5,926,831	J. Revilla, J. N. Dieffenderfer, M. M. Schaffer, and T. A. Sartorius	Methods and apparatus for control of speculative memory accesses
5,926,834	G. T. Kishi, J. W. Peake, and W. C. Carlson	Adaptive throttling of a cache storage in a virtual data storage system
5,927,050	D. Rhoades, H. J. Locker, J. Turek, and K. Houck	In-box configuration method for a computer system
5,927,193	B. Peterson, C. J. Calli, D. Mackin, D. C. Long, G. A. Pomerantz, J. A. Casey, J. G. Balz, and K. C. O'Neil	Process for via fill
5,928,016	C. Johnson, J. L. Colbert, K. Honadel, N. A. Anderson, and S. D. Greseth	Direct access storage device housing and tray design
5,928,062	M. J. Rutten, M. K. Miller, and T. Wright	Vertical polishing device and method

5,928,349	E. J. Silha and L. W. Loen	Mixed-endian computing environment for a conventional bi-endian computer system
5,928,363	J. Ruvalo	Method and means for preventing unauthorized resumption of suspended authenticated internet sessions using locking and trapping
5,928,375	G. S. Lucas and J. A. Yanes	Method for enhancing data transmission in parity based data processing systems
5,928,566	M. Angelopoulos, R. Saraf, and Y. H. Liao	Plasticized, antiplasticized and crystalline conducting polymers
5,928,960	N. A. Greco and S. E. Greco	Process for reducing pattern factor effects in CMP planarization
5,928,967	C. Fairchok and C. J. Radens	Selective oxide-to-nitride etch process using C ₄ F ₈ /CO/Ar
5,928,970	B. K. Appelt, K. I. Papathomas, M. D. Poliks, R. M. Japp, and W. T. Fotorny	Dustfree prepreg and method for making an article based thereon
5,929,326	F. Lee, M. L. McGhee, R. G. Simmons, S. Navarro, T. Pan, U. V. Nayak, W. C. Shum, and W. I. Imaino	Glide sensor integrated suspension
5,929,377	C. C. Stratton, J. L. Peacock, J. R. Rasmussen, and R. D. Hamilton	Apparatus for preventing leakage of electromagnetic radiation from electronic enclosures
5,929,477	H. I. Hanafi, H. L. Kalter, J. J. Welser, S. M. Burns, and W. W. Kocon	Self-aligned defused source vertical transistors with stack capacitors in a 4F-square memory cell array
5,929,646	D. Thygesen and J. G. Patel	Interposer and module test card assembly
5,929,651	C. Perry, D. L. Gardell, G. F. Walker, J. Van Horn, J. M. Leas, R. Koss, R. J. Prilik, and S. L. Dingle	Wafer burn-in and test sandwich
5,929,667	D. A. Evans, G. M. Bracer, J. Connor, and W. W. Abadeer	Method and apparatus for protecting circuits subjected to high voltage
5,929,791	C. J. Masenas	Match detect logic for multi-byte per cycle hardware data compression
5,929,865	D. C. Long, J. G. Balz, M. LaPlante, and M. W. Kapfhammer	Method of sorting two-dimensional graphic images for converting into raster lines
5,929,911	C. H. Ngai, D. A. Hrusecky, and D. P. Cheney	Multiformat reduced memory MPEG-2 compliant decoder
5,929,983	H. Lu	Optical apparatus for determining the height and tilt of a sample surface
5,930,065	G. A. Jaquette, J. H. Eaton, R. A. Hutchins, R. C. Barrett, and T. R. Albrecht	Timing based servo longitudinal addressing
5,930,078	A. Aoyagi, D. W. Albrecht, and W. C. Shum	Automated head wire stringing, termination, and slider bonding suspension assembly with load/unload feature
5,930,080	D. Gerson, E. Sanicky, G. L. Heitkamp, J. P. Hollowell, N. K. Frater, O. J. Ruiz, P. W. Kanas, and T. M. Hoffmann	Transducer suspension system and method
5,930,098	P. E. Bakeman, Jr. and S. H. Voldman	Multichip semiconductor structures with interchip electrostatic discharge protection, and fabrication methods therefore
5,930,107	T. V. Rajeevakumar	Dual trench capacitor
5,930,148	A. A. Bjorksten, B. A. Zoric, and M. S. Schmookler	Method and system for verifying a digital circuit design including dynamic circuit cells that utilize diverse circuit techniques
5,930,178	J. A. Mandelman, L. L. Hsu, and M. R. Wordeman	Bitline voltage stabilization device and method
5,930,252	G. S. Delp, J. J. Lynch, K. D. Aaker, and S. G. Luning	Method and apparatus for queuing and triggering data flow streams for ATM networks
5,930,270	D. O. Forlenza, F. Motika, J. Shushereba, and P. Nigh	Logic built in self-test diagnostic method
5,930,368	B. J. Bahnub and M. Hocker	Docking method for establishing secure wireless connection between computer devices
5,930,478	C. A. Mebane	System for starting transmission assuming one file format, automatically detecting whether proper format used, and aborting and restarting transmission if original format incorrect
5,930,481	D. A. Burton, J. N. McCauley, M. Heyman, M. T. Benhase, and R. L. Morton	System for concurrent cache data access by maintaining and selectively merging multiple ranked part copies
5,930,483	B. L. Morger, P. A. Cummings, R. Rolls, and T. E. Yonker	Method and apparatus for communications control on a small computer system interface
5,930,484	C. N. Tran and J. A. Kahle	Method and system for input/output control in a multiprocessor system utilizing simultaneous variable-width bus access
5,930,493	G. J. Smith, G. W. VanLeeuwen, and H. H. Ottesen	Multimedia server system and method for communicating multimedia information
5,930,495	C. G. Wright, D. Jaramillo, K. W. Christopher, M. M. Snow, R. D. Wahl, and S. L. Winters	Method and system for processing a first instruction in a first processing environment in response to initiating processing of a second instruction in an emulation environment
5,930,497	B. McNutt and N. A. Cherian	Method and means for generation of realistic access patterns in storage subsystem benchmarking and other tests

5,930,512	E. B. Boden, F. V. Paxhia, M. A. Leska, R. C. Hansen, and S. A. Sylvester	Method and apparatus for building and running workflow process models using a hypertext markup language
5,930,597	A. J. Call, F. Pompeo, P. A. Zucco, S. Iruvanti, S. Jasne, S. L. Buchwalter, and W. M. Moreau	Reworkable polymer chip encapsulant
5,930,619	W. P. Noble	Method of making trench EPROM simultaneously with forming a DRAM cell
5,930,640	D. Kenney	Mechanical supports for very thin capacitor plates
5,930,655	A. K. Stamper, E. C. Cooney, H. K. Lee, and T. McDevitt	Fluorine barrier layer between conductor and insulator for degradation prevention
5,930,749	S. Maes	Monitoring, identification, and selection of audio signal poles with characteristic behaviors, for separation and synthesis of signal contributions
5,930,785	B. Schiefer, G. Lohman, and M. S. Urata	Method for detecting and optimizing queries with encoding/decoding tables
5,930,795	B. T. Tran, J. D. Richey, J. H. Chow, M. H. Pirahesh, N. Mattos, R. J. Cochrane, T. Truong, Y. C. Fuh, and Y. S. Chen	Supporting dynamic tables in SQL query compilers
5,930,830	A. Mendelson, L. Womack, and R. Mraz	System and method for concatenating discontiguous memory pages
5,930,832	A. S. Tran, J. G. Heaslip, and R. D. Herzl	Apparatus to guarantee TLB inclusion for store operations
5,931,222	A. Giri, D. Shih, D. L. Edwards, and H. T. Toy	Adhesion promoting layer for bonding polymeric adhesive to metal and a heat sink assembly using same
5,931,899	R. A. Kertis	Method and apparatus for providing analog differential signal multiplication with a substantially linear response over a relatively large range of multiplication
5,931,912	K. L. Wu and P. S. Yu	Traversal path-based approach to understanding user-oriented hypertext object usage
5,931,913	I. B. Shields, P. Volkmar, and T. Meriwether	Methods, system and computer program products for establishing a session between a host and a terminal using a reduced protocol
5,931,915	A. F. Benner and M. Grassi	Method for processing early arrival messages within a multinode asynchronous data communications system
5,931,924	D. E. Williams, J. D. Lewis, J. S. Dodson, and R. K. Arimilli	Method and system for controlling access to a shared resource that each requestor is concurrently assigned at least two pseudo-random priority weights
5,931,925	D. McNabb, J. Wyllie, and S. L. Porter	System and method for efficiently transferring datastreams in a multimedia system
5,931,931	T. Q. Nguyen	Method for bus arbitration in a multiprocessor system
5,931,933	E. A. Billheimer, J. E. Walker, and R. W. Schuster	Apparatus and method for communication and translation for selected one of a variety of data bus formats
5,931,947	B. C. Reed, D. D. Long, E. G. Chron, and R. C. Burns	Secure array of remotely encrypted storage devices
5,931,957	B. Konigsburg, J. S. Muhich, L. E. Thatcher, and S. W. White	Support for out-of-order execution of loads and stores in a processor
5,932,031	C. J. Merz III, J. D. Poole, M. R. Hamilton, and M. V. Malone	Fluorescent water soluble solder flux
5,932,043	A. Reitter, B. V. Fasano, C. N. Cordero, D. Goland, G. M. Johnson, L. Studzinski, L. W. Herron, R. Hannon, R. A. Bates, and S. L. Shinde	Method for flat firing aluminum nitride/tungsten electronic modules
5,932,047	G. J. Shovlowsky, J. D. Herard, T. G. Macek, T. L. Sharp, and W. L. Brodsky	Circuitized structure including flexible circuit with elastomeric member bonded thereto and method of making
5,932,113	B. Kurdi, D. R. McKean, and E. Wong	Low temperature encapsulation system
5,932,143	M. Angelopoulos, R. Saraf, and Y. H. Liao	Polycrystalline conducting polymers and precursors thereof having adjustable morphology and physical properties
5,932,377	A. K. Wong, D. S. O'Grady, L. Liebmman, R. A. Ferguson, and S. M. Mansfield	Exact transmission balanced alternating phase-shifting mask for photolithography
5,932,493	H. Akatsu, R. Hoyer, and R. Ramachandran	Method to minimize watermarks on silicon substrates
5,932,682	J. G. Stephanie, J. P. Kuczynski, and S. L. Buchwalter	Cleavable diepoxide for removable epoxy compositions
5,932,907	A. Grill, D. E. Kotecki, and K. Saenger	Method, materials, and structures for noble metal electrode contacts to silicon
5,932,908	W. P. Noble	Trench EPROM
5,933,134	J. M. Shieh	Touch screen virtual pointing device which goes into a translucent hibernation state when not in use
5,933,144	J. W. Alcorn	Utility for providing printing support to graphical Java applications

5,933,230	A. Juliana, Jr., C. H. Lee, H. J. Rosen, M. R. Latta, W. C. Leung, and W. I. Imano	Surface inspection tool
5,933,309	D. G. Smith	Apparatus and method for monitoring the effects of contact resistance
5,933,348	J. M. Kurtzberg and M. Levanoni	Method for biasing designs of experiments
5,933,395	C. H. Dang, J. E. Kulakowski, K. Dimitri, and R. J. Means	Pluggable media stackloading system
5,933,396	C. H. Dang, J. E. Kulakowski, J. W. Hammar, and R. J. Means	Storage and retrieval library with side-by-side storage cells
5,933,414	L. Georgiadis, R. Guerin, R. Rajan, S. Varma, and V. Peris	Method to control jitter in high-speed packet-switched networks
5,933,428	H. T. Olnowich	Two-tailed adapter for scalable, non-blocking networks
5,933,471	A. D. Kalvin	System and method for improving reconstruction artifacts in computed tomography images
5,933,497	F. J. Reardon, J. W. Moran, M. J. Corrigan, and R. C. Beetcher	Apparatus and method for controlling access to software
5,933,531	R. A. Lorie	Verification and correction method and system for optical character recognition
5,933,596	D. Mayhew	Multiple server dynamic page link retargeting
5,933,600	G. F. McBrearty, J. J. Maddalozzo, and J. M. Shieh	Increased control for reduced delay in internet data transfers based on limitations established in a server system
5,933,606	D. Mayhew	Dynamic page link retargeting using page headers
5,933,631	B. G. Mealey, M. S. Williams, and R. C. Swanberg	Dynamic boot filesystem selection
5,933,639	D. P. Pazel, J. R. Rao, J. R. Russell, K. L. Miller, and M. Meier	System and method for debugging distributed programs
5,933,718	B. El-Kareh, J. A. Mandelman, and J. G. Ryan	Method for electrostatic discharge protection through electric field emission
5,933,753	A. H. Simon and C. Uzoh	Open-bottomed via liner structure and method for fabricating same
5,933,820	H. A. Beier, S. Kornelis, and V. L. Watts	A system, method, and program for using direct and indirect pointers to logically related data and targets of indexes
5,933,827	G. L. Cole and S. P. Engleman	System for identifying new web pages of interest to a user
5,933,834	T. Aichelen	System and method for re-striping data onto an expanded array of storage devices
5,933,840	L. J. Stockmeyer and M. J. Menon	Garbage collection in log-structured information storage systems using age threshold selection of segments
5,934,299	H. Akatsu and R. Ramachandran	Apparatus and method for improved washing and drying of semiconductor wafers
5,934,364	G. F. Goth, G. M. Chrysler, R. C. Chu, and R. E. Simons	A cold plate for dual refrigeration systems
5,934,454	C. Eisbach and W. Burleson	Thin keyboard having multiple hinge members per keyswitch
5,934,977	A. M. Palagonia and P. Marmillion	Method of planarizing a workpiece
5,935,202	M. Frederick	Compressor circuit in a data processor and method therefor
5,935,206	F. A. Schwartz, J. L. Harter, M. J. Morton, P. P. Dixon, and T. P. Krein	Automatic replication of digital video as needed for video-on-demand
5,935,215	A. Christensen, E. G. Britton, and J. Bell	Methods and systems for actively updating routing in TCP/IP connections using TCP/IP messages
5,935,234	D. E. Williams, J. D. Lewis, J. S. Dodson, and R. K. Arimilli	Method and system for controlling access to a shared resource in a data processing system utilizing pseudo-random priorities
5,935,252	N. C. Berglund and T. J. Rosedahl	Apparatus and method for determining and setting system device configuration relating to power and cooling using VPD circuits associated with system devices
5,935,261	G. J. Smith, M. A. Neumann, M. D. Blachek, and P. J. Wachowiak	Method and apparatus for detecting handling damage in a disk drive
5,935,402	L. Fanti	Process for stabilizing organic additives in electroplating of copper
5,935,404	G. B. Monjeau, H. Liu, K. Ruffing, K. P. McLaughlin, S. Farooq, and S. Kaja	Method of performing processes on features with electricity
5,935,453	C. Tsang, N. Robertson, R. E. Fontana, and T. Lin	Low noise longitudinally biased magnetoresistive sensor
5,935,644	D. E. Heim and H. A. Santini	Method of making thin film induction recording head having an inset first insulation layer that defines zero throat height and pole tip apex angle
5,935,652	A. P. Angelopoulos, G. W. Jones, L. J. Matienzo, T. R. Miller, and V. R. Markovich	Method for reducing seed deposition in electroless plating
5,935,687	A. Viehbeck, D. Lewis, E. Davidson, J. M. Shaw, and J. S. Wilczynski	Three dimensional package and architecture for high performance computer
5,935,763	E. J. Sprogis, M. D. Caterer, T. Ference, and T. H. Daubenspeck	Self-aligned pattern over a reflective layer

5,935,869	A. Jha, C. Huynh, K. Pope, R. Jagannathan, T. Martin, and T. Sandwick	Method of planarizing semiconductor wafers
5,936,181	D. Oppenheim, D. P. Pazel, J. L. Wright, and S. R. Abrams	A system and method applying a role-and-register-preserving harmonic transformation to musical pitches
5,936,252	C. F. Robinson and W. Stickel	Charged particle beam performance measurement system and method thereof
5,936,293	S. S. Parkin	Hard/soft magnetic tunnel junction device with stable hard ferromagnetic layer
5,936,299	J. Burghartz, K. A. Jenkins, and M. Soyuer	Substrate contact for integrated spiral inductors
5,936,408	M. E. Scaman	Simplified contactless test of MCM thin film I/O nets using a plasma
5,936,466	D. D. Tang and H. Andoh	Differential operational transconductance amplifier
5,936,584	M. J. Lawrence and W. B. Nunnery	Radio frequency LAN adapter card structure and method of manufacture
5,936,614	A. R. Tannenbaum, G. W. Arbeitman, P. A. Lee, and Y. L. An	User defined keyboard entry system
5,936,622	J. M. Ryan, M. S. Shade, and S. G. Halverson	Method and computer program product for displaying visual threshold setting indicators and threshold activation indicators
5,936,623	H. Y. Amro	Method and apparatus for selecting a particular object from among a large number of objects
5,936,624	J. M. Mullaly, L. A. Lisle, and S. L. Martin	Data processing system having a logical containment system and method therefor
5,936,625	D. J. Kahl, R. E. Lee, and R. J. Torres	Computerized calendar showing scheduled events which may be edited, magnified, or scrolled within a monthly view
5,936,627	P. R. Brown	Method and system for performing perspective divide operations on three-dimensional graphical object data within a computer system
5,936,629	B. L. Minor and P. R. Brown	Accelerated single-source 3D lighting mechanism
5,936,697	K. H. Yang	Self-compensated twisted nematic mode for reflective light valves
5,936,738	L. Liebmann and R. A. Ferguson	Focus monitor for alternating phase shifted masks
5,936,788	E. A. Cunningham, H. H. Ottesen, and Z. E. Boutaghou	Method and apparatus for ramp load and unload
5,936,805	W. I. Imaino	Disk drive with secondary VCM actuator
5,936,806	M. Tang and T. Pan	Flying head slider and suspension assembly with stress relief for controlling slider crown thermal sensitivity
5,936,808	F. C. Lee, F. Y. Huang, and T. S. Pan	Disk drive with rotary actuator having damped actuator arm
5,936,811	D. J. Seagle	Magnetic head with vialess lead layers from MR sensor to pads
5,936,860	A. Berg, A. Nilsson, H. Odegaard, K. A. Bohrer, T. Brane, T. Dahl, T. Michaelson, T. Pernbeck, and V. D. Arnold	Object oriented technology framework for warehouse control
5,936,919	A. A. Fennema, K. A. Bates, N. X. Bui, and T. Semba	System for compensating for hard sector noise degradation of tracking error signals in an optical data storage system
5,936,936	C. Verrilli, C. A. Alexander, R. Yedavalli, and T. J. Smith	Redundancy mechanisms for classical internet protocol over asynchronous transfer mode networks
5,936,940	B. Lin, G. A. Marin, K. V. Vu, L. Gun, L. T. Huynh, and R. O. Onvural	Adaptive rate-based congestion control in packet networks
5,937,066	D. B. Johnson, D. R. Safford, M. Peyravian, M. M. Yung, N. Zunic, P. A. Karger, R. Gennaro, and S. M. Matyas	Two-phase cryptographic key recovery system
5,937,167	J. D. Lewis and R. K. Arimilli	Communication controller for generating four timing signals each of selectable frequency for transferring data across a network
5,937,172	D. E. Williams, J. D. Lewis, J. S. Dodson, and R. K. Arimilli	Method of layer cache and architectural specific functions to permit generic interface definition
5,937,184	S. D. Rao	Synthesis of application-specific subsystems by selective migration
5,937,186	R. Tallman and T. Horiguchi	Asynchronous interrupt safing of prologue portions of computer programs
5,937,189	M. J. Branson and W. R. Taylor	Object-oriented framework mechanism for determining configuration relations
5,937,194	N. Sundaresan	A method of, system for, and article of manufacture for providing a generic reduction object for data parallelism
5,937,196	E. C. Prosser, R. R. Roediger, and W. J. Schmidt	Compiling with partial copy propagation
5,937,199	J. L. Temple III	User programmable interrupt mask with timeout for enhanced resource locking efficiency
5,937,205	J. M. Menon and R. L. Mattson	Dynamic queue prioritization method and system for data processing systems
5,937,225	D. J. Samuels	Pixel counting toner or ink use monitor and pixel counting method for monitoring the toner or ink use

5,937,269	A. G. Merryman, C. J. Mele, G. K. Bartley, J. Pennacchia, K. A. Smith, P. A. Franklin, R. Yu, T. A. Wassick, and T. A. Wayson	Graphics assisted manufacturing process for thin-film devices
5,937,289	C. J. Radens, G. B. Bronner, J. A. Mandelman, J. P. Gambino, and W. R. Tonti	Providing dual work function doping
5,937,292	E. N. Hammerl and H. Ho	Nitride cap formation in a DRAM trench capacitor
5,937,295	S. Tiwari, T. P. Smith, and W. Chen	Nano-structure memory device
5,937,320	K. Kwietniak, M. Datta, P. Andricacos, S. K. Kang, and W. J. Horkans	Barrier layers for electroplated SNPB eutectic solder joints
5,937,348	B. P. Gaucher, E. B. Flint, M. Cina, M. Oprysko, R. O. La Maire, S. Ponnappalli, W. E. Pence, and Y. Kwark	Cordless communication system for a portable computer modem
5,937,383	A. P. Ittycheriah and S. Maes	Apparatus and methods for speech recognition including individual or speaker class dependent decoding history caches for fast word acceptance or rejection
5,937,385	N. Kambhatla and W. Zadrozny	Method and apparatus for creating speech recognition grammars constrained by counter examples
5,937,397	P. J. Callaghan	Social learning inferencing engine for intelligent agent environment
5,937,411	C. H. Becker	Method and apparatus for creating a storage structure for a Java archive manifest file
5,937,429	H. Pham, M. Kumar, P. P. Liu, and R. P. Singh	Cache memory having a selectable cache-line replacement scheme
5,937,435	J. J. Dobbek and S. R. Hetzler	System and method for skip-sector mapping in a data recording disk drive
5,937,437	C. P. Roth and F. E. Levine	Method and apparatus for monitoring address translation performance
5,938,106	M. V. Pierson	Method and apparatus for applying solder and forming solder balls on a substrate
5,938,348	Z. E. Boutaghou	Pivot bearing
5,938,454	G. E. Myrto, G. L. Kehley, J. H. Sherman, and W. L. Brodsky	Electrical connector assembly for connecting first and second circuitized substrates
5,938,731	M. E. Schreiter	Exchanging synchronous data link control (SDLC) frames to adjust speed of data transfer between a client and server
5,938,733	D. D. Heimsoth, L. B. Turner, M. B. Sharma, and Y. T. Yeung	Object oriented representation of network requests in a client server model
5,938,753	D. E. Williams and R. K. Arimilli	Method and apparatus for controlling autonomous units transferring data between buses having different ordering policies
5,938,760	C. P. Roth, E. H. Welbon, F. E. Levine, and R. Moore	System and method for performance monitoring of instructions in a re-order buffer
5,938,778	C. C. John and R. J. Urquhart	System and method for tracing instructions in an information handling system without changing the system source code
5,938,786	T. A. Gregg	Simplified recovery of damaged frames in a communication link
5,938,856	C. C. Lei, J. U. Knickerbocker, K. G. Sachdev, and U. M. Ahmad	Process for removing flux residue from microelectronic components
5,939,134	A. F. Renaldo and D. R. McKean	Process for making a thin film magnetic head
5,939,223	J. Cotte, M. Datta, and R. Shenoy	Lithium polymer electrolyte battery for sub-ambient temperature applications
5,939,225	D. B. Dove and K. K. Shih	Thin film materials for the preparation of attenuating phase shift masks
5,939,335	C. Narayan, D. Dobuzinsky, J. P. Gambino, K. C. Arndt, L. Economikos, P. D. Hoh, and R. Conti	Method for reducing stress in the metallization of an integrated circuit
5,939,767	J. S. Brown, R. K. Leidy, S. H. Voldman, and S. J. Holmes	Structure and process for buried diode formation in CMOS
5,939,783	E. H. Laine and J. W. Wilson	Electronic package
5,939,786	F. J. Downes, Jr., J. A. Molla, and R. T. Galasco	Uniform plating of dendrites
5,939,869	U. Ghoshal	Low power interconnection using magnetoresistance elements
5,939,897	G. B. Stephens and R. L. Ayers	Method and apparatus for testing quiescent current in integrated circuits
5,939,898	R. V. Joshi, W. Hwang, and W. H. Henkels	Input isolation for self-resetting CMOS macros
5,939,915	B. W. Curran	Noise-immune pass gate latch
5,939,984	A. Schrott, D. W. Duan, M. J. Brady, P. A. Moskowitz, R. J. Gambino, R. J. Von Gutfeld, and T. Cofino	Combination radio frequency identification transponder (RFID tag) and magnetic electronic article surveillance (EAS) tag
5,940,057	F. R. Libsch and S. C. Lien	Method and apparatus for eliminating crosstalk in active matrix liquid crystal displays

5,940,077	H. Y. Amro	Method, memory and apparatus for automatically resizing a window while continuing to display information therein
5,940,155	H. P. Shieh, K. H. Yang, and K. W. Lin	Liquid crystal displays containing tilted optical axis compensation films having a negative birefringence
5,940,233	D. J. Malone	System and method for providing nonadjacent redundancy synchronization bytes
5,940,244	A. Misra and E. G. Canlas	Shrink-fit disk-clamp for hard disk drives
5,940,247	H. S. Nagaraj and T. E. Karis	Magnetic recording device with spindle motor lubricant of specified amine and carbamate concentrations/ratios
5,940,249	F. Hendriks	Shielded air bearing slider
5,940,266	C. W. Mann, R. D. Hamilton, and S. S. Kang	Bi-directional cooling arrangement for use with an electronic component enclosure
5,940,304	A. Tam, B. Karni, H. Seing, M. Barenboim, P. Baumgart, P. J. Kerstens, and P. P. Chrusch, Jr.	Controlling a laser texturing tool having two handling stations for disks to be textured and a single texturing station
5,940,335	T. Kirihaata	Prioritizing the repair of faults in a semiconductor memory device
5,940,391	M. Willebeek-LeMair, P. K. Malkin, and P. S. Yu	Method and apparatus for reconfigurable and adaptive stream multicast
5,940,395	B. Q. Nguyen, M. Fraenkel, R. J. Redpath, and S. K. Singhal	Method and system for information plug-ins for configurable client-server applications
5,940,404	A. A. Slane and G. S. Delp	Method and apparatus for enhanced scatter mode allowing user data to be page aligned
5,940,441	H. C. Cranford and S. Huss	Integrated adaptive cable equalizer using a continuous-time filter
5,940,545	J. A. Kash and J. C. Tsang	Noninvasive optical method for measuring internal switching and other dynamic parameters of CMOS circuits
5,940,586	M. R. Turner and R. Bealkowski	Method and apparatus for disabling and enabling ISA adapters
5,940,590	D. E. Richards and K. J. Lynne	System and method for securing computer-executable program code using task gates
5,940,593	C. Nelin and D. E. House	Simulating a multi-tiered computer environment on a single development system for debugging
5,940,594	G. E. Kozina, S. Ali, T. Hu, and T. S. Lee	Distributed storage management system having a cache server and method therefor
5,940,611	J. D. Lewis, J. S. Dodson, and R. K. Arimilli	Method and system for front-end gathering of store instructions within a data-processing system
5,940,612	D. R. Nowlen, D. W. Finney, J. M. Menon, J. T. Brady, M. A. Ko, M. H. Hartung, and N. Mendelsohn	System and method for queuing of tasks in a multiprocessing system
5,940,614	C. M. Carroll, E. A. Fishel, and P. V. Allen	Hypertext control method and apparatus for displaying help information in an interactive data processing system
5,940,616	I. A. Wang	A tracker class for object-oriented programming environments
5,940,618	G. O. Blandy, M. A. Saba, and R. J. Urquhart	System and method for non-intrusive code instrumentation
5,940,687	J. D. Poole, J. G. Davis, and M. A. Gaynes	Wire mesh insert for thermal adhesives
5,940,724	R. A. Warren	Extended ion implanter source lifetime
5,940,725	A. J. Yu, J. Morton, S. E. Shore, and T. Hunter	Semiconductor device with non-deposited barrier layer
5,940,729	A. P. Ingraham, F. J. Downes, Jr., G. R. Hill, J. A. Molla, S. J. Fuerniss, and V. R. Markovich	Method of planarizing a curved substrate and resulting structure
5,940,785	C. J. Georgiou, E. S. Kirkpatrick, and T. A. Larsen	Performance-temperature optimization by cooperatively varying the voltage and frequency of a circuit
5,940,816	F. Y. Wu, J. Rachlin, M. Sturzenbecker, R. Henry, R. Lougee-Heimer, R. K. Akkiraju, R. M. Fuhrer, and S. S. Murthy	Multi-objective decision-support methodology
5,940,818	C. Tomlyn and W. E. Malloy	Attribute-based access for multi-dimensional databases
5,940,819	A. Shibamiya, D. J. Haderle, H. S. Tie, T. A. Beavin, and Y. Wang	User specification of query access paths in a relational database management system
5,940,822	B. Iyer and D. J. Haderle	Encoding method of members related by multiple concept or group hierarchies and identification of members in a corpus or a database that are descendants of one or more selected concepts or groups from the encoding
5,940,823	G. K. Arnold, R. S. Miles, and R. W. Schreiber	System and method for distribution and storage of electronic mail information
5,940,825	C. S. Li, P. S. Yu, and V. Castelli	Adaptive similarity searching in sequence databases
5,940,828	F. C. Sherwin, J. Anaya, J. A. Kistler, and J. A. Yothers	Locking contention resolution for shared resources
5,940,838	B. Mandler, F. Schmuck, J. Wyllie, and Z. Yehudai	Parallel file system and method anticipating cache usage patterns

5,940,840	D. McNabb, F. B. Schmuck, M. G. Kienzle, M. M. Eshel, and R. E. Rose	Phantom files for dynamic read bandwidth measurement of computer disks
5,940,841	E. Johnson, F. Schmuck, and T. Engelsiepen	Parallel file system with extended file attributes
5,940,850	H. K. Grama, J. D. Heath, and V. Venkataramappa	System and method for selectively enabling load-on-write of dynamic ROM data to RAM
5,940,854	C. O. Green, J. E. Kulakowski, and R. J. Means	Unique identifier for optical media
5,940,856	J. D. Lewis, J. M. Kaiser, J. S. Dodson, and R. K. Arimilli	Method of shared intervention for cache lines in the shared state for SMP bus
5,940,864	J. D. Lewis, J. M. Kaiser, J. S. Dodson, and R. K. Arimilli	Shared memory-access prioritization method for multiprocessors using caches and snoop responses
5,940,866	A. B. McNeill, D. R. Chisholm, E. I. Wachtel, G. B. Hoch, and T. V. Lee	Information handling system having a local address queue for local storage of command blocks transferred from a host processing side
5,940,869	W. H. Schwartz	System and method for providing shared memory using shared virtual segment identification in a computer system
5,940,871	H. K. Grama, J. D. Heath, and V. Venkataramappa	Method and apparatus for managing compressed ROM image code
5,940,877	R. J. Eickemeyer and T. L. Jeremiah	Cache address generation
5,940,966	B. V. Fasano and K. Prettyman	Coaxial interconnect devices and methods of making the same
5,941,449	C. R. Le Coz, D. I. Mead, and R. J. Stockholm	Method of making an electronic package having spacer elements
5,941,729	M. Sri-Jayantha	Safe-snap computer cable
5,941,943	K. C. Briskey, K. K. Rothaupt, and L. Brenner	An apparatus and a method for creating isolated sub-environments using host names and aliases
5,941,945	M. Srinivasan, R. Jain, and R. K. Aditham	Interest based collaborative framework
5,941,951	D. E. Wood, L. W. Russell, M. N. Day, and Y. T. Yeung	Methods for real-time deterministic delivery of multimedia data in a client/server system
5,941,988	D. A. Maltz and P. Bhagwat	Session and transport layer proxies via TCP glue
5,942,005	M. Hassner, R. Koetter, and T. Tamura	Method and means for computationally efficient error and erasure correction in linear cyclic codes
5,942,317	R. L. White	Hydrogenated carbon thin films
5,942,328	A. Grill and V. V. Patel	Low dielectric constant amorphous fluorinated carbon and method of preparation
5,942,769	A. Grill and V. V. Patel	Low dielectric constant amorphous fluorinated carbon and method of preparation
5,942,911	F. Motika, P. Nigh, and P. V. Motika	Electric field test of integrated circuit component
5,942,940	B. L. Krauter, D. M. Dreps, and R. P. Masleid	Low voltage CMOS differential amplifier
5,942,987	C. Cesar, D. Friedman, H. Heinrich, K. Goldman, K. P. McAuliffe, S. L. Greene, and T. Cofino	Radio frequency identification system with write broadcast capability
5,942,999	H. C. Cranford and R. P. Rizzo	Controllable integrated linear attenuator for a D/A converter
5,943,041	J. D. Allison, K. W. May, and W. S. Burleson	Folding keyboard
5,943,050	A. Edgar, G. R. Bullock, and S. C. Penn	Digital image capture control
5,943,171	D. B. Dove and R. A. Budd	Head mounted displays utilizing reflection light valves
5,943,187	C. Hwang, J. Tabib, P. C. Chen, and R. Raman	Carbon overcoat for a slider with improved step coverage
5,943,243	C. Selinger and D. Sherlekar	Method and system for removing hardware design overlap
5,943,249	G. H. Handlogten	Method and apparatus to perform pipelined denormalization of floating point results
5,943,254	C. L. Bertin, E. L. Hedberg, J. M. Leas, P. E. Bakeman, Jr., and S. H. Voldman	Multichip semiconductor structures with consolidated circuitry and programmable ESD protection for input/output nodes
5,943,317	J. L. Klonowski and R. F. Brabson	Sub-network route optimization over a shared access transport facility
5,943,477	C. P. Tresser, C. W. Wu, G. R. Thompson, and R. Rao	Microlocal calibration of digital printers
5,943,484	C. K. Yen, J. Milne, and R. A. Orzell	Advanced material requirements planning in microelectronics manufacturing
5,943,494	C. H. Olson and R. T. Golla	Method and system for processing multiple branch instructions that write to count and line registers
5,943,497	A. Tost, E. E. Voldal, K. A. Bohrer, and M. D. McKeehan	Object-oriented apparatus and method for controlling configuration of object creation
5,943,504	B. J. Wilkie, G. A. Flurry, and J. E. Muyshondt	System for transferring pixel data from a digitizer to a host memory using scatter/gather DMA
5,943,587	K. C. Norris, P. D. Sonntag, and R. R. Batterson	Method for making offset alignment marks

5,943,594	M. E. Bailey and R. A. Warren	Method for extended ion implanter source lifetime control mechanism
5,943,601	C. H. Yang, H. Aochi, K. P. Rodbell, P. DeHaven, R. G. Filippi, T. Katata, and T. Usui	Process for fabricating a metallization structure
5,943,649	A. A. Nassiff, F. Fado, P. J. Guasti, and R. Van Buskirk	Configuring an audio interface for different microphone types
5,943,666	E. T. Lin, J. Kleewein, S. Venkataraman, and T. L. Mukai	Method and apparatus for optimizing queries across heterogeneous databases
5,943,667	C. Aggarwal and P. S. Yu	Eliminating redundancy in generation of association rules for on-line mining
5,943,668	C. Tomlyn, G. Robinson, S. Moore, and W. E. Malloy	Storing and accessing multi-dimensional data blocks in a relational database using multi-dimensional member identifiers
5,943,670	J. M. Prager	System and method for categorizing objects in combined categories
5,943,671	E. T. Lin, J. Kleewein, and Y. Wang	Compensation for security procedures in different database management systems
5,943,678	C. A. Pickover, D. J. Winarski, G. T. Kishi, J. G. McLean, and M. D. Hocker	Temporal displacement icon in a graphical user interface
5,943,684	J. S. Dodson and R. K. Arimilli	Method and system of providing a cache-coherency protocol for maintaining cache coherency within a multiprocessor data-processing system
5,943,685	J. D. Lewis, J. M. Kaiser, J. S. Dodson, and R. K. Arimilli	Method of shared intervention via a single data provider among shared caches for SMP bus
5,943,686	J. D. Lewis, J. S. Dodson, R. K. Arimilli, and T. M. Skergan	Multiple cache directories for non-arbitration concurrent accessing of a cache memory
5,943,688	G. T. Kishi, J. A. Fisher, and J. W. Peake	Automated database back-up within a data storage system using removable media
5,943,692	B. Miller, D. Sheinwald, J. Marberg, and J. Satran	Mobile client computer system with flash memory management utilizing a virtual address map and variable length data
5,944,583	D. K. Sturtevant, J. Cruz, M. T. Tiersch, and S. Messier	Composite polish pad for CMP
5,944,588	A. M. Palagonia and P. Marmillion	Chemical mechanical polisher
5,944,793	C. Parris, D. C. Sturman, and N. Islam	Computerized resource name resolution mechanism
5,944,797	K. M. Pandey and T. A. Gregg	Data mover hardware controlled processing in a commanding system and in a commanded system for controlling frame communications on a link
5,944,802	D. M. Nordahl, J. A. Yanes, and K. A. Bello	Dynamic speed matching of host channel and device data transfers
5,944,823	V. S. Moore	Outside access to computer resources through a firewall
5,944,834	D. J. Hathaway	Timing analysis method for PLLS
5,945,155	A. Grill and V. V. Patel	Low dielectric constant amorphous fluorinated carbon and method of preparation
5,945,685	A. Juliana, H. J. Rosen, M. R. Latta, W. Lee, W. C. Leung, and W. I. Imaino	Glass substrate inspection tool having a telecentric lens assembly
5,945,704	H. Schaefer, J. Hoepfner, J. A. Mandelman, M. Schrems, and R. Stengl	Trench capacitor with EPI buried layer
5,945,707	D. V. Horak, G. Bronner, J. A. Mandelman, M. C. Haakey, P. Rabidoux, S. J. Holmes, and T. Furukawa	DRAM cell with grooved transfer device
5,945,713	S. H. Voldman	Electrostatic discharge protection circuits for mixed voltage interface and multi-rail disconnected power grid applications
5,945,735	L. Economikos, L. W. Herron, and M. J. Interrante	Hermetic sealing of a substrate of high thermal conductivity using an interposer of low thermal conductivity
5,945,737	C. Cabral, F. M. d'Heurle, L. Clevenger, and Q. Hong	A method and device for controlling tensile and compressive stresses and mechanical problems in thin films on substrates
5,945,915	D. Cromer, D. Rhoades, H. J. Locker, J. M. Janick, and T. Dang	Computer system for sending an alert signal over a network when a cover of said system has been opened
5,945,979	E. J. Selker, J. D. Rutledge, and J. D. Upton	Combined digital and analog cursor control
5,946,159	A. Chliwnyj, C. R. Stouffer, and R. K. Rhodes	Servo edge correction using edge samples taken by independently positioned servo elements
5,946,176	U. Ghoshal	Electrostatic discharge protection utilizing microelectromechanical switch
5,946,187	T. M. Cipolla	Heat pipe arrangement for enhancing the cooling capacity of a laptop computer
5,946,212	G. Feigin and S. Bermon	Method of allocating work in capacity planning
5,946,228	D. Abraham and P. L. Trouilloud	Limiting magnetic writing fields to a preferred portion of a changeable magnetic region in magnetic devices

5,946,289	G. A. Cuomo and R. J. Redpath	Method and system for a shipping and playing adapter to enable a reduced size CD to play in a full-sized CD player
5,946,302	J. G. Waclawsky and P. C. Hershey	System and method for response time measurement in high speed data transmission networks
5,946,311	C. A. Alexander, M. B. Squire, and R. Balay	Method for allowing more efficient communication in an environment wherein multiple protocols are utilized
5,946,318	L. L. Post	Method and apparatus for processing and packetizing data from a data stream
5,946,328	A. Patel, C. E. Cox, M. Hassner, and R. Koetter	Method and means for efficient error detection and correction in long byte strings using integrated interleaved Reed-Solomon codewords
5,946,354	B. Marcus, C. M. Melas, and J. J. Ashley	Hard disk drive read channel with half-speed timing
5,946,370	A. D. Kalvin, C. P. Tresser, C. W. Wu, J. Y. Margulies, N. Haramati, and R. L. Adler	System and method for accessing the three-dimensional geometry of large objects using X-ray based method subject to limitations on radiation doses
5,946,455	C. P. Tresser and C. W. Wu	Model based error diffusion with correction propagation
5,946,460	J. A. Krack and R. H. Hohensee	System set-up verification for peripheral devices
5,946,463	T. V. Weaver	Method and system for automatically performing an operation on multiple computer systems within a cluster
5,946,465	J. S. Stevens, P. F. Rieth, P. R. Chmielewski, and T. E. Murphy, Jr.	Method and system for recovering system resources used by an inactive Telnet client
5,946,466	A. Adiga, J. Girouard, and W. D. Shaw	System and method for deterministic response to audio/video commands in a multimedia system
5,946,472	J. J. Ruedinger, J. S. Graves, and R. G. Musselman	Apparatus and method for performing behavioral modeling in hardware emulation and simulation environments
5,946,473	J. B. Lotspiech and J. H. Morgan	LFSR implementation using split-table lookup
5,946,475	R. E. Mains and T. M. Burks	Method for performing transistor-level static timing analysis of a logic circuit
5,946,486	R. P. Pekowski	Apparatus and method for tracing entries to or exits from a dynamic link library
5,946,491	E. C. Prosser, L. Asnash, N. E. Aizikowitz, R. Bar-Haim, R. R. Roediger, and W. J. Schmidt	Register allocation method and apparatus for generating spill code as a function of register pressure compared to dual threshold
5,946,492	C. Bates	Compiler that reduces call stack size through identification of stackless variables
5,946,493	S. P. Hanson	Method and system in a data processing system for association of source code instructions with an optimized listing of object code instructions
5,946,498	H. P. Nguyen, J. S. Tarng, P. K. Lee, and R. K. Chiang	Delivery of client remote procedure calls to a server via a request queue utilizing priority and time-out
5,946,545	C. L. Bertin, E. L. Hedberg, and W. J. Howell	Semiconductor stack structures and fabrication/sparing methods utilizing programmable spare circuit
5,946,551	B. K. Furman, C. D. Dimitrakopoulos, D. Neumayer, P. R. Duncombe, R. B. Laibowitz, and S. Purushothaman	Fabrication of thin film field effect transistor comprising an organic semiconductor and chemical solution deposited metal oxide gate
5,946,552	A. S. Shah, J. L. Frankel, K. A. Bird, M. Boenke, and S. Knickerbocker	Universal cost reduced substrate structure method and apparatus
5,946,562	Y. Kuo	Polysilicon thin film transistor with laser-induced solid phase crystallized polysilicon channel
5,946,662	D. Yao, G. Feigin, G. Lin, and M. Ettl	Method for providing inventory optimization
5,946,680	D. U. Shorter and S. Lilly	Method of determining the unique ID of an object in a peer to peer configuration of object indexes
5,946,681	D. U. Shorter	Method of determining the unique ID of an object through analysis of attributes related to the object
5,946,686	F. Schmuck, J. Wyllie, R. Haskin, R. J. Curran, S. Schaller, and Z. Yehudai	Parallel file system and method with quota allocation
5,946,694	C. J. Redlin, E. N. Herness, G. M. Hambrick, and G. P. Copeland	Apparatus and method for transparent application of service to business objects
5,946,709	J. D. Lewis, J. M. Kaiser, J. S. Dodson, and R. K. Arimilli	Shared intervention protocol for SMP bus using caches, snooping, tags and prioritizing
5,947,053	H. G. Linde, J. Burnham, N. J. Mone, and R. A. Warren	Wear-through detector for multilayered parts and methods of using same
5,947,191	L. H. Nguyen and T. P. Hiteshew	Electronics module heat sink with quick mounting pins
5,947,570	D. W. Dingfelder, J. L. Colbert, M. L. Kylo, N. A. Anderson, and R. G. Ratajczyk	Modular cabinet assembly for a computer
5,947,750	D. J. Alcoe, D. V. Caletka, and W. L. Brodsky	Elastomeric structure with multi-layered elastomer and constraining base
5,948,060	K. M. Pandey and T. A. Gregg	Speeding-up communication rates on links transferring data structures by a method of handling scatter/gather of storage blocks in commanded computer systems

5,948,065	C. K. Eilert and P. B. Yocom	System for managing processor resources in a multisystem environment in order to provide smooth real-time data streams while enabling other types of applications to be processed concurrently
5,948,072	K. A. Cink and R. L. Newcombe	Method and apparatus for defining the scope of a CORBAServices factory finder
5,948,075	T. J. Osten	System for identifying operating parameters in a storage enclosure having each of first connector only for specifying a physical location associated with each of backplane interfaces
5,948,091	S. C. Kerigan and W. J. Sexton	Universal digital display interface
5,948,092	C. A. Nevitt, D. T. Crump, J. Landry, and W. Sommerville	Local bus IDE architecture for a split computer system
5,948,193	A. Tirch, C. Collins, J. A. Casey, L. Wiands, M. Cohn, R. Wuthrich, R. A. Rita, and R. J. Sullivan	Thin greensheet for MLC processing
5,948,286	C. Narayan, M. J. Palmer, P. A. Chalco, and R. Horton	Diffusion bonding of lead interconnections using precise layer-thermosonic energy
5,948,532	C. Hwang, J. W. Raniseski, and R. Raman	Cermet adhesion layer with carbonaceous wear layer for head/disk interfaces
5,948,571	D. C. Wheeler, R. Mih, and T. Brunner	Asymmetrical resist sidewall
5,949,030	B. V. Fasano and K. Prettyman	Vias and method for making the same in organic board and chip carriers
5,949,059	A. R. Rawson and W. G. Tuten	Labeling system
5,949,246	A. P. Ingraham, J. A. Frankeny, J. R. Wilcox, and J. S. Kamperman	Test head for applying signals in a burn-in test of an integrated circuit
5,949,249	C. W. Preuss and R. R. Williams	Driver having inductance-controlled current slew rate
5,949,262	D. M. Dreps, J. S. Muhich, and R. P. Masleid	Method and apparatus for coupled phase locked loops
5,949,265	J. Bracchitta, M. S. Michail, and W. D. Pricer	Soft latch circuit having sharp-cornered hysteresis characteristics
5,949,272	P. W. Coteus, R. D. Mirabella, R. H. Bickford, and W. E. Maule	Bidirectional off-chip driver with a receiver bypass
5,949,301	E. P. Clarke, G. H. Purdy, N. Vogl, P. Nihal, and R. A. Flavin	Controlling the direction of broadband energy flow through components in networking systems
5,949,402	J. L. Levine, M. A. Schappert, and R. L. Garwin	Optical alignment method for pointing device
5,949,413	B. Holt, D. Magid, D. McCusker, J. Knaggs, N. Durrant, N. Lerissa, P. Young, and R. Webster	Database graphical user interface with tabbed user view
5,949,615	M. A. Hernandez	Disk drive assembly having a novel head gimbal assembly
5,949,618	S. Pattanaik and S. P. Arya	Solder bump electrical connection and method for fabrication
5,949,619	B. L. Rappel, E. A. Eckberg, and G. D. Malagrino, Jr.	Servo actuated read/write head actuator assembly for a tape drive
5,949,623	T. Lin	Monolayer longitudinal bias and sensor trackwidth definition for overlaid anisotropic and giant magnetoresistive heads
5,949,624	R. E. Jones, Jr. and R. G. Simmons	Inductive-write magnetoresistive-read horizontal head for magnetic recording
5,949,682	A. Zubelewicz, G. T. Dickinson, J. L. McGinniss, Jr., and R. F. Tokarz	Heated circuit assembly tester and method
5,949,700	D. V. Horak, J. A. Mandelman, M. C. Hakey, T. Furukawa, and W. H. Ma	Five square vertical dynamic random access memory cell
5,949,719	J. A. Iadanza, M. J. Laramie, and R. D. Kilmoyer	Field programmable memory array
5,949,732	T. Kiriata	Method of structuring a multi-bank DRAM into a hierarchical column select line architecture
5,949,753	C. A. Alexander, J. Lloyd, and M. B. Squire	Redundant internet protocol gateways using local area network emulation
5,949,831	E. S. Eleftheriou, J. D. Coker, R. L. Galbraith, and W. Hirt	Method and apparatus for data detection for PRML data channels
5,949,853	R. A. Resnick	Extension device for a computer system
5,949,857	N. J. Smith	Telephone DTMF signal accessible data processor with calculator program
5,949,887	A. A. Nassiff, F. Fado, and P. J. Guasti	Method and graphical user interface for configuring an audio system
5,949,904	H. R. Delp	Method, apparatus and computer program product for querying by image colors using JPEG image format
5,949,971	C. P. Roth, E. H. Welbon, and F. E. Levine	Method and system for performance monitoring through identification of frequency and length of time of execution of serialization instructions in a processing system
5,949,982	K. J. Venkatramani and R. F. Frankeny	Data processing system and method for implementing a switch protocol in a communication system

5,949,985	J. C. Endicott, J. H. Peterson, P. J. Heyrman, R. G. Mustain, R. K. Kirkman, and S. A. Dahl	Method and system for handling interrupts during emulation of a program (as amended)
5,950,009	B. Mendelson, I. Shavit-Lottem, R. N. Bar-Haim, V. Sitnitsky, and W. J. Schmidt	Method and apparatus for profile-based reordering of program portions in a computer program
5,950,073	L. B. Wiggins and M. J. Griffin	Self-adjusting semiconductor package stand-offs
5,950,199	B. Shmueli, F. Schmuck, and R. J. Curran	Parallel file system and method for granting byte range tokens
5,950,201	G. A. Van Huben and J. L. Mueller	Computerized design automation method using a single logical PFVL paradigm
5,950,216	D. L. Dao, H. Y. Amro, and J. P. Dodson	Method and system for marking and subsequently retrieving a collection of objects within a compound document
5,950,217	C. F. Ingersoll, G. L. Mack, and P. D. Heinlein	Computer network system and method for process safety management (PSM) including facilitator display and multiple participant workstations
5,950,230	A. B. McNeill, B. J. Oza, and R. Islam	RAID array configuration synchronization at power on
5,950,629	R. H. Taylor	System for assisting a surgeon during surgery
5,950,907	G. DiGiacomo	Ternary solder for the enhancement of C-4 fatigue life
5,951,475	A. Gueziec, P. Kazanzides, and R. H. Taylor	Methods and apparatus for registering CT-scan data to multiple fluoroscopic images
5,951,638	A. Rouse, F. Woo, I. H. Qidwai, and R. Hoss	Integrated multimedia messaging system
5,951,650	E. G. Britton and J. Bell	Session traffic splitting using virtual internet protocol addresses associated with distinct categories of application programs irrespective of destination IP address
5,951,658	E. H. Daray and T. Dunton	System and method for allocation and management of I/O buffers for VSAM access method
5,951,668	D. E. Williams and R. K. Arimilli	Method and system for transferring data between buses having differing ordering policies
5,951,672	B. O. Schneider, C. Narayanaswami, and T. Y. Kwok	Synchronization method for work distribution in a multiprocessor system
5,951,674	J. H. Moreno	Object-code compatible prepresentation of very long instruction word programs
5,951,680	C. J. Redlin and P. J. Rutherford	Configurator object
5,951,686	A. Kitamorn, C. Mehta, C. A. McLaughlin, and J. S. Langford	Method and system for reboot recovery
5,951,691	C. R. Lanzi, C. Y. Ng, and J. C. Chen	Method and system for detection and reconstruction of corrupted data in a data storage subsystem
5,951,699	C. A. Olstad, G. R. Ricard, and M. F. Diez	Method and apparatus for verifying integrity of predefined data structures in a computer system
5,951,706	A. F. Benner	Method of independent simultaneous queueing of message descriptors
5,951,707	A. Roginsky, K. J. Christensen, and S. E. Polge	A method of partitioning CRC calculation for a low-cost ATM adapter
5,951,891	A. Tam, E. V. Schnetzer, H. Lu, H. Seing, I. K. Pour, M. Barenboim, P. Baumgart, and P. J. Kerstens	Optical apparatus for monitoring profiles of textured spots during a disk texturing process
5,951,917	C. Hunter, J. M. Wargo, J. P. Nayak, M. E. Cropp, and N. Wier-Cavalieri	Conductive paste for large greensheet screening including high thixotropic agent content
5,952,160	A. S. Bergendahl and P. E. Bakeman, Jr.	Method and system for controlling the relative size of images formed in light-sensitive media
5,952,674	D. C. Edelstein and G. A. Biery	Topography monitor
5,952,695	J. J. Ellis-Monaghan and S. H. Voldman	Silicon-on-insulator and CMOS-on-SOI double film structures
5,952,716	E. H. Laine, E. P. Dibble, and S. W. MacQuarrie	Pin attach structure for an electronic package
5,952,778	E. Haskal, J. C. Scott, J. R. Salem, and S. Karg	Encapsulated organic light emitting device
5,952,877	S. M. Broome	Integrated resistor for continuous time signal processing applications
5,952,893	U. Ghoshal	Method and apparatus for creating improved inductors for use with electronic oscillators
5,952,995	S. Barnes	Scroll indicating cursor
5,953,007	D. Neuhard, D. R. Palmer, K. G. I. Center, and R. C. Nielsen	System, method, and program for using animations to show page layout combinations in a user interface for submitting print jobs
5,953,017	B. J. Cragun and M. J. Beach	Compressed object display
5,953,073	G. E. Kozina and J. Xu	A method for relating indexing information associated with at least two indexing schemes to facilitate the play-back of user-specified digital video data and a video client incorporating the same
5,953,115	J. Singh and W. F. Landers	Method and apparatus for imaging surface topography of a wafer

5,953,128	A. Thomas, C. P. Ausschnitt, and T. Brunner	Optically measurable serpentine edge tone reversed targets
5,953,141	C. Yue, K. Liu, and W. K. Wang	Dynamic optical add-drop multiplexers and wavelength-routing networks with improved survivability and minimized spectral filtering
5,953,173	J. C. Van Peppen and K. B. Klaassen	High CMRR and sensor-disk short-circuit protection device for dual element magnetoresistive heads
5,953,180	N. K. Frater and P. W. Kanas	Multi-mode suspension populated actuator for a disk drive
5,953,214	D. P. Pagnani, D. W. Dranchak, P. R. Zippetelli, and R. J. Kelleher	Dual substrate package assembly coupled to a conducting member
5,953,228	J. M. Kurtzberg and M. Levanoni	Method employing a back-propagating technique for manufacturing processes
5,953,243	L. B. Capps, Jr., R. C. Dixon, T. Nguyen, and V. H. Lee	Memory module identification
5,953,283	D. Meltzer and J. A. Silberman	Multi-port SRAM with reduced access requirements
5,953,351	A. C. Topps and D. A. Hicks	Method and apparatus for indicating uncorrectable data errors
5,953,420	D. B. Johnson and S. M. Matyas	Method and apparatus for establishing an authenticated shared secret value between a pair of users
5,953,510	D. A. Schroter and R. D. Herzl	Bidirectional data bus reservation priority controls having token logic
5,953,515	M. W. Kellogg, P. W. Coteus, R. D. Mirabella, and W. G. Tuten	Pluggable electronic card presence detect scheme for use in parallel and serial vital product data (VPD) collection systems
5,953,520	S. Mallick	Address translation buffer for data processing system emulation mode
5,953,523	A. E. Martinez, B. Anschuetz, and S. J. Martinez	Method and apparatus for creating smart forms
5,953,525	C. Nelin, D. E. House, and H. J. Glaser	Multi-tier view project window
5,953,526	D. R. Day and O. O. Fox	Object oriented programming system with displayable natural language documentation through dual translation of program source code
5,953,531	N. Megiddo and V. Sarkar	Method of, system for, and computer program product for minimizing loop execution time by optimizing block/tile sizes
5,953,535	B. L. Brech	Using intelligent bus bridges with pico-code to service interrupts and improve interrupt response (as amended)
5,953,594	A. C. Bhatt, A. F. Moring, J. P. Walsh, and T. R. Miller	Method of making a circuitized substrate
5,953,607	D. V. Horak, J. A. Mandelman, M. C. Hakey, and W. P. Noble	Novel buried strap for trench storage capacitors in DRAM trench cells
5,953,623	A. P. Ingraham, C. M. Boyko, D. J. Russell, and V. R. Markovich	Ball limiting metal mask and tin enrichment of high melting point solder for low temperature interconnection
5,953,627	C. J. Hawker, D. Y. Yoon, E. Liniger, J. L. Hedrick, K. R. Carter, M. A. Harbison, R. D. Miller, R. F. Cook, S. M. Kim, and W. Volksen	Process for manufacture of integrated circuit device
5,953,700	C. E. Prochilo, D. Kanevsky, P. S. Poon, and S. Maes	Portable acoustic interface for remote access to automatic speech/speaker recognition server
5,953,701	C. V. Neti and S. Roukos	Speech recognition models combining gender-dependent and gender-independent phone states and using phonetic-context-dependence
5,953,726	A. R. Greef, F. Castellucci, G. Carter, J. F. Schumacher, R. A. Weida, S. M. Fohn, and T. Maguire	Method and apparatus for maintaining multiple inheritance concept hierarchies
5,953,731	H. J. Glaser	VAB control pad
5,953,745	G. A. Yeung, G. M. Lattimore, and T. L. Leasure	Redundant memory array
5,953,930	G. M. Chrysler and R. C. Chu	An evaporator for use in an extended air cooling system for electronic components
5,954,127	G. F. Goth, G. M. Chrysler, R. C. Chu, and R. E. Simons	A cold plate for dual refrigeration systems
5,954,712	B. D. Goodman, H. W. Kaufman, J. J. Wynne, and J. M. Jacobs	Dental procedures and apparatus using ultraviolet radiation
5,954,820	S. R. Hetzler	Portable computer with adaptive demand-driven power management
5,954,824	C. A. Cherrchett, D. R. Stauffer, and P. S. Colyer	Test mode matrix circuit for an embedded microprocessor core
5,954,825	J. M. Kaiser and W. E. Maule	Method for isolating faults on a clocked synchronous bus
5,954,830	L. Ternullo	Method and apparatus for achieving higher performance data compression in ABIST testing by reducing the number of data outputs
5,954,832	J. LeBlanc	Method and system for performing non-standard in situ burn-in testings
5,955,119	G. Andris and Y. Darves-Bornoz	Carbide rod screening nozzles

5,955,176	A. D. Erpelding, D. D. Palmer, O. J. Ruiz, and S. Pattanaik	Integrated suspension using a high strength conductive material
5,955,222	A. D. Katnani, M. Hibbs, N. Patel, S. J. Holmes, and W. M. Moreau	Method of making a rim-type phase-shift mask and mask manufactured thereby
5,955,242	A. Aviram, A. T. Pomerene, and D. E. Seeger	High sensitivity, photo-active polymer and developers for high resolution resist applications
5,955,543	A. J. Call, F. Pompeo, K. G. Sachdev, and M. Berger	Aryl cyanate and/or diepoxide and hydroxymethylated phenolic or hydroxystyrene resin
5,955,756	D. E. Kotecki and W. H. Ma	Trench separator for self-defining discontinuous film
5,955,759	K. Saenger, K. E. Ismail, and S. Rishon	Reduced parasitic resistance and capacitance field effect transistor
5,955,773	A. K. Stamper	Closely pitched polysilicon fuses and method of forming the same
5,955,781	R. V. Joshi and W. R. Reohr	Embedded thermal conductors for semiconductor chips
5,955,782	D. J. Russell, D. M. Passante, J. C. Whitcomb, S. J. Kosteva, and W. J. Rudik	Apparatus and process for improved die adhesion to organic chip carriers
5,955,818	C. L. Bertin and J. E. Cronin	Machine structures fabricated of multiple microstructure layers
5,956,036	C. Nelin, D. E. House, and H. J. Glaser	Shared modules graphical user interface
5,956,142	K. Penner and K. P. Muller	Method of end point detection using a sinusoidal interference signal for a wet etch process
5,956,198	J. E. Kulakowski and R. J. Means	Tape library rewinder
5,956,199	D. S. Husky, J. Lee, and J. A. Koski	Head to tape alignment without tape guide
5,956,203	N. B. Schirle and S. A. Hanssen	Apparatus and method for improving VCM coil cooling in a hard disk drive
5,956,209	W. C. Shum	Integrated suspension flexure having a compliant tip termination platform
5,956,235	J. S. Kresge, J. W. Wilson, and R. A. Susko	Method and apparatus for flexibly connecting electronic devices
5,956,261	D. T. Blaauw, J. F. Skovira, and N. S. Radia	In-transit message detection for global virtual time calculation in parallel time warp simulation
5,956,286	B. Ross, G. M. Lattimore, and M. M. Smadi	Data processing system and method for implementing a multi-port memory cell
5,956,301	D. J. Winarski, J. E. Kulakowski, K. Dimitri, and R. J. Means	Automated data storage library media handling with a plurality of pickers having multiple grippers
5,956,348	F. E. Noel, J. L. Creigh, and L. A. Tomek	Method and apparatus for reconstructing LAN frames following transfer through an asynchronous transfer mode system
5,956,351	C. L. Chen and D. C. Bossen	Dual error correction code
5,956,408	T. W. Arnold	Apparatus and method for secure distribution of data
5,956,411	A. Edgar	Personal multimedia speaker system
5,956,495	J. A. Kahle and S. Mallick	Method and system for processing branch instructions during emulation in a data processing system
5,956,496	E. B. Schorn	Automatic method for circuit optimization
5,956,503	J. D. Lewis, J. S. Dodson, and R. K. Arimilli	Method and system for front-end and back-end gathering of store instructions within a data-processing system
5,956,506	E. E. Cobb, I. S. Houston, S. A. Holdsworth, S. A. Smith, and T. J. Freund	System and method for functionally enhancing procedural software using objects
5,956,508	C. R. McKelley, Jr., J. W. Malcolm, R. Selby, T. G. Reish, and W. K. Johnson	Creation of manageable management collections using filters
5,956,515	K. C. Briskey, R. C. Russell, and S. Beals	Method for managing multiple versions of multiple subsystems in a distributed computing environment
5,956,573	H. S. Wildman, P. A. Totta, S. G. Mathad, and T. E. Dinan	Use of argon sputtering to modify surface properties by thin film deposition
5,956,575	C. L. Bertin and J. E. Cronin	Microconnectors
5,956,576	F. Pompeo and H. T. Toy	Enhanced protection of semiconductors with dual surface seal
5,956,597	D. V. Horak, M. C. Hakey, P. Rabidoux, S. J. Holmes, and T. Furukawa	Method for producing SOI and non-SOI circuits on a single wafer
5,956,671	A. P. Ittycheriah and S. Maes	Apparatus and methods for shift invariant speech recognition
5,956,701	P. R. Habermehl	Method and system for using an artificial neural net for image map processing
5,956,706	D. Kossmann and M. J. Carey	Method and system for limiting the cardinality of an SQL query result
5,956,708	C. J. Hastings, D. Y. Dyko, R. Sobiesiak, and R. Wendt	Integration of link generation, cross-author user navigation, and reuse identification in authoring process
5,956,712	B. P. Dixon, E. Johnson, and R. B. Bennett	Byte range locking in a distributed environment

5,956,725	C. A. Rogers, E. E. Voldal, L. J. Zaborowski, S. J. Gansemer, T. K. Burroughs, and W. D. Lee	Schema mapping to a legacy table with primary and foreign key support
5,956,730	C. A. Rogers, L. J. Zaborowski, T. K. Burroughs, and W. D. Lee	Legacy subclassing
5,956,734	F. Schmuck, J. Wyllie, R. J. Curran, and S. Schaller	Parallel file system and method with quota check utility
5,956,735	C. E. Clark and S. J. Greenspan	System of compressing the tail of a sparse log stream of a computer system
5,957,360	D. E. Houser, D. W. Henderson, and E. F. Helinski	System and method for transporting and clamping flexible film structures
5,957,589	C. Lee, H. S. Nagaraj, and N. B. Schirle	Fluid bearing seal and support structure
5,957,691	B. D. Goodman, H. W. Kaufman, J. J. Wynne, and J. M. Jacobs	Dental procedures and apparatus using ultraviolet radiation
5,957,868	J. D. Kulesza and J. R. Case	Surface contour measurement instrument
5,957,997	C. H. Olson and M. S. Schmookler	Efficient floating point normalization mechanism
5,958,011	J. D. Lewis and R. K. Arimilli	Method and system for communicating data in a data processing system having a selectable frequency timing signal
5,958,013	B. T. Marchesseault, T. Rowe, T. F. King, and Y. S. Tan	Apparatus, methods and computer program products for conducting a persistent session with a host-based application
5,958,022	G. W. Wilhelm, Jr.	System and method for I/O access mode selection
5,958,049	B. G. Mealey, M. S. Williams, and R. C. Swanberg	Operating system debugger using kernel and dynamic extension with debugger drivers to support different output devices
5,958,068	J. D. Lewis, J. S. Dodson, R. K. Arimilli, and T. M. Skergan	Cache array defect functional bypassing using repair mask
5,958,301	M. Angelopoulos and Y. H. Liao	Methods of fabricating branched electrically conductive polymers and precursors thereof
5,958,590	G. F. Walker, S. Purushothaman, and S. K. Kang	Dendritic powder materials for high conductivity paste applications
5,958,628	D. C. Long, J. G. Balz, M. LaPlante, and M. W. Kapfhammer	Formation of punch inspection masks and other devices using a laser
5,958,631	J. R. Maldonado and R. E. Acosta	X-ray mask structure
5,958,996	B. O. Morrison, Jr., F. D. Egitto, and L. J. Matienzo	Method for producing a diffusion barrier and polymeric article having a diffusion barrier
5,959,325	D. V. Horak, M. C. Hakey, R. A. Ferguson, R. K. Leidy, R. M. Martino, S. Peng, S. J. Holmes, W. H. Ma, and W. J. Adair	Method for forming cornered images on a substrate and photomask formed thereby
5,959,335	A. Bryant, E. J. Nowak, E. P. Maciejewski, J. J. Ellis-Monaghan, M. H. Tong, W. D. Pricer, and W. F. Clark	Device design for enhanced avalanche SOI CMOS
5,959,348	A. K. Trivedi, C. S. Chang, and W. T. Chen	Construction of PBGA substrate for flip chip packaging
5,959,459	A. V. Satya, L. R. Bentson, and T. Kebede	Defect monitor and method for automated contactless inline wafer inspection
5,959,616	D. Challener	Computer input stylus and color control system
5,959,626	G. Wilson and J. M. Garrison	Method and apparatus for manipulating very long lists of data displayed in a graphical user interface using a layered list mechanism
5,959,801	B. Y. Ting, D. R. Gillis, and M. Suk	Stiction reduction in disk drives using heating
5,959,827	D. T. Smith and T. S. Hughbanks	Integrated lead suspension electrostatic discharge protector
5,959,845	M. Faucher	Universal chip carrier connector
5,959,860	D. A. Styczinski	Method and apparatus for operating an array of storage devices
5,959,916	M. Kumar	Write driver and bit line precharge apparatus and method
5,959,974	D. Marquardt, D. E. Badt, L. S. Wise, L. W. Russell, and S. B. Rao	System and method for discovering path MTU of internet paths
5,960,114	D. O. Forlenza, E. E. Kelley, F. Motika, and N. J. Dauerer	Process for identifying and capturing text
5,960,169	D. A. Styczinski	Transformational raid for hierarchical storage management system
5,960,194	C. Mohan and D. M. Choy	Multi-tiered indexing method for partitioned data
5,960,198	R. R. Roediger and W. J. Schmidt	Software profiler with runtime control to enable and disable instrumented executable
5,960,199	G. C. Doney, H. L. Huang, M. M. Golding, R. M. Lau, S. Brodsky, and S. J. Wang	Model trace view for object-oriented systems
5,960,206	E. L. Barsness, J. A. Larson, and R. F. Harwood	Method and apparatus for estimating installation time in a data processing system
5,960,254	J. E. Cronin	Methods for the preparation of a semiconductor structure having multiple levels of self-aligned interconnection metallization

5,960,265	A. Acovic, P. M. Solomon, and T. H. Ning	Method of making EEPROM having a coplanar on-insulator FET and control gate
5,960,315	C. J. Radens and J. P. Gambino	Tapered via using sidewall spacer reflow
5,960,318	J. G. Ryan, J. P. Gambino, M. Peschke, and R. Stengl	Borderless contact etch process with sidewall spacer and selective isotropic etch process
5,960,404	B. T. Hailpern, E. S. Park, J. K. Chaar, and S. Paul	Mechanism for heterogeneous, peer-to-peer, and disconnected workflow operation
5,960,422	S. Prasad	A system and method for optimized source selection in an information retrieval system
5,960,426	D. Simmen, M. H. Pirahesh, and T. Truong	Database system and method for supporting current of cursor updates and deletes from a select query from one or more updatable tables in single node and MPP environments
5,960,427	B. Iyer and P. Goel	Reordering of complex SQL queries involving groupbys, joins, outer joins and full outer joins
5,960,428	B. G. Lindsay, D. Simmen, E. J. Shekita, G. Lohman, M. H. Pirahesh, and M. S. Urata	Star/join query optimization
5,960,429	B. C. Reed, E. M. Robinson, H. R. Strong, and M. P. Peercy	Multiple reference hotlist for identifying frequently retrieved web pages
5,960,431	D. M. Choy	Method and apparatus for adding data storage bins to a stored computer database while minimizing movement of data and balancing data distribution
5,960,436	A. Cocchi, H. Y. Chang, and S. E. Smith	Transaction compaction for replay of transactions from client to server
5,960,438	B. N. Soetarman, D. M. Hembry, D. T. Chang, and R. N. Summers	Class hierarchy for object aggregation representation of relational database rows with cells having nontraditional datatypes
5,960,446	F. Schmuck, J. Wyllie, R. Haskin, and Z. Yehudai	Parallel file system and method with allocation map
5,960,454	B. L. Worthington, M. Mandal, and M. J. Martino	Avoiding cache collisions between frequently accessed pinned routines or data structures
5,961,026	D. C. Olson and R. B. Phillips	Apparatus and method for removing known good die using hot shear process
5,961,032	J. Covell, P. A. Gruber, S. Farooq, and S. K. Ray	Method of fabrication of a multi-component solder column by blocking a portion of a through hole in a mold
5,961,343	P. Y. Hu and R. M. Lopez	Strain relief clamp for supporting flexible ribbon cables
5,961,583	J. W. Van Fleet	Method and system for using the event wait list anchor as a lock for events
5,961,601	A. K. Iyengar	Preserving state information in a continuing conversation between a client and server networked via a stateless protocol
5,961,602	J. R. Thompson and V. Berstis	Method for optimizing off-peak caching of web data
5,961,636	C. H. Olson, H. Cheong, J. S. Brooks, and T. Galambos	Checkpoint table for selective instruction flushing in a speculative execution unit
5,961,639	E. L. Swarthout, R. McDonald, and S. Mallick	Processor and method for dynamically inserting auxiliary instructions within an instruction stream during execution
5,961,644	J. M. Kurtzberg and M. Levanoni	Method and apparatus for testing the integrity of computer security alarm systems
5,961,650	J. Ramanathan, J. W. Arendt, and R. A. Mancisidor	Scheme to perform event rollop
5,961,653	D. L. Wheeler, H. L. Kalter, J. E. Barth, J. H. Dreibelbis, J. S. Parenteau, R. Kho, and Y. Mori	Processor based BIST for an embedded memory
5,961,654	C. P. Roth, E. H. Welbon, F. E. Levine, and R. Moore	Operand fetch bandwidth analysis
5,961,659	A. F. Benner	Independent simultaneous queueing of message descriptors
5,961,660	L. B. Capps, Jr. and T. Nguyen	Method and apparatus for optimizing ECC memory performance
5,962,113	D. Y. Yoon, H. J. Cha, H. R. Brown, J. L. Hedrick, J. P. Hummel, K. R. Carter, R. A. DiPietro, and R. D. Miller	Integrated circuit device and process for its manufacture
5,962,184	R. Sooriyakumaran and R. D. Allen	Photoresist composition and process for its use
5,962,384	D. L. Rath, E. I. Cooper, G. W. Gale, H. F. Okorn-Schmidt, R. Jagannathan, and S. A. Estes	Method for cleaning semiconductor devices
5,962,632	B. K. Furman and M. Angelopoulos	Deaggregated electrically conductive polymers and precursors thereof
5,962,654	D. Neumayer and P. R. Duncombe	Novel alkoxyalkoxides and use to form films
5,962,859	R. A. Kendall and T. R. Groves	Multiple variable shaped electron beam system with lithographic structure
5,962,895	C. M. Hsieh, K. D. Beyer, L. Hsu, and T. N. Buti	SOI transistor having a self-aligned body contact

5,963,036	G. Lapis, M. Jou, M. H. Pirahesh, and R. J. Cochrane	Query processing system that computes grouping sets, rollup, and cube with a reduced number of groupbys in a query graph model
5,963,043	S. Nassif	Method and apparatus for characterized parasitic capacitance between integrated-circuit interconnects
5,963,152	B. P. Kitchens, M. Hassner, and R. L. Adler	Resolving block method for synchronization correction in run-length limited codes
5,963,191	W. Jaaskelainen, Jr.	Method and system for denying graphical pointer access to a widget of a data processing system graphical user interface
5,963,195	J. F. Haugh, L. E. Gregg, and W. Jaaskelainen, Jr.	Hardware-selectable mouse movement
5,963,207	D. Sanders, J. Brewer, K. Britton, and K. Grotjohn	Systems, methods and computer program products for presenting lists of user-selectable information
5,963,222	C. H. Ngai, D. P. Cheney, and M. L. Ciacelli	Multi-format reduced memory MPEG decoder with hybrid memory address generation
5,963,329	D. P. Paul and E. W. Conrad	Method and apparatus for measuring the profile of small repeating lines
5,963,392	H. Dang, M. Sri-Jayantha, S. Kumar, and V. D. Khanna	Method and apparatus for disk shock protection
5,963,393	B. S. Rowan and L. J. Serrano	Servo-free velocity estimator for coil driven actuator arm in a data storage drive
5,963,397	A. Grill, C. D. Snyder, C. E. Yeack-Scranton, M. A. Moser, and V. V. Patel	Ceramic suspension bent by stressed patch
5,963,430	J. M. Londa	Multi-electronic device package comprising at least two substrates and at least four layers of electrically conductive circuitry
5,963,486	B. Ross, G. A. Yeung, and G. M. Lattimore	Bit switch circuit and bit line selection method
5,963,489	H. Wong, J. DeBrosse, T. Kirihaata, and Y. Watanabe	Method and apparatus for redundancy word line replacement in a repairable semiconductor memory device
5,963,495	M. Kumar	Dynamic sense amplifier with embedded latch
5,963,569	A. C. Tam, C. C. Poon, J. H. Brannon, and P. Baumgart	Multiple channel acousto-optic modulators
5,963,654	D. D. Decker, M. J. Woolley, and R. Prakash	Apparatus and method for determining image quality
5,963,656	R. M. Bolle, S. Pankanti, and Y. Yao	System and method for determining the quality of fingerprint images
5,963,666	S. Srinivasan and T. Fujisaki	Confusion matrix mediated word prediction
5,963,671	J. P. Karidis, L. D. Comerford, T. A. Corbi, and W. Strohm	Enhancement of soft keyboard operations using trigram prediction
5,963,723	H. Q. Le	Dynamic pairing of instructions
5,963,728	D. J. Hathaway and R. S. Rutter	Method to partition clock sinks into nets
5,963,737	B. G. Mealey, J. W. Van Fleet, and M. S. Williams	Interrupt vectoring for trace exception facility in computer systems
5,963,746	C. A. Collins, D. B. Rolfe, D. M. Lesmeister, J. W. Dieffenderfer, M. C. Dapp, R. E. Miles, R. E. Nier, R. R. Richardson, T. N. Barker, V. J. Smoral, and W. J. Knowles	Fully distributed processing memory element
5,963,817	J. A. Ott, J. O. Chu, K. E. Ismail, and K. Y. Lee	Bulk and strained silicon on insulator using local selective oxidation
5,963,867	K. A. Feiste	Priority queue for cache directory updates
5,963,905	M. Novak and M. A. Picheny	Method and apparatus for improving acoustic fast match speed using a cache for phone probabilities
5,963,933	J. M. Cheng, M. H. Pirahesh, and T. Y. Leung	Efficient implementation of full join and anti-join
5,963,934	M. H. Pirahesh, R. J. Cochrane, and R. S. Sidle	Intelligent compilation of SQL scripting language for query processing systems
5,963,947	R. E. Scheuerlein and W. J. Gallagher	Voltage biasing for magnetic RAM with magnetic tunnel memory cells
5,963,955	A. H. Lindsey, G. T. Melahn, J. H. Koch, S. Ruby, and S. M. Milinkovich	Bridge for exporting and importing objects between object oriented programming environments
5,963,961	D. M. Cannon, H. N. Martin, and K. E. Hannigan	Database reconstruction using embedded database backup codes
5,963,963	D. McNabb, F. Schmuck, J. Wyllie, and R. Haskin	Parallel file system and method with buffer management arbitration
5,963,971	A. A. Lambert, C. L. Fosler, F. D. Gallo, and R. A. James	Method and apparatus for handling audit requests of logical volumes in a virtual media server
5,963,974	J. D. Lewis, J. M. Kaiser, J. S. Dodson, and R. K. Arimilli	Cache intervention from a cache line exclusively holding an unmodified value